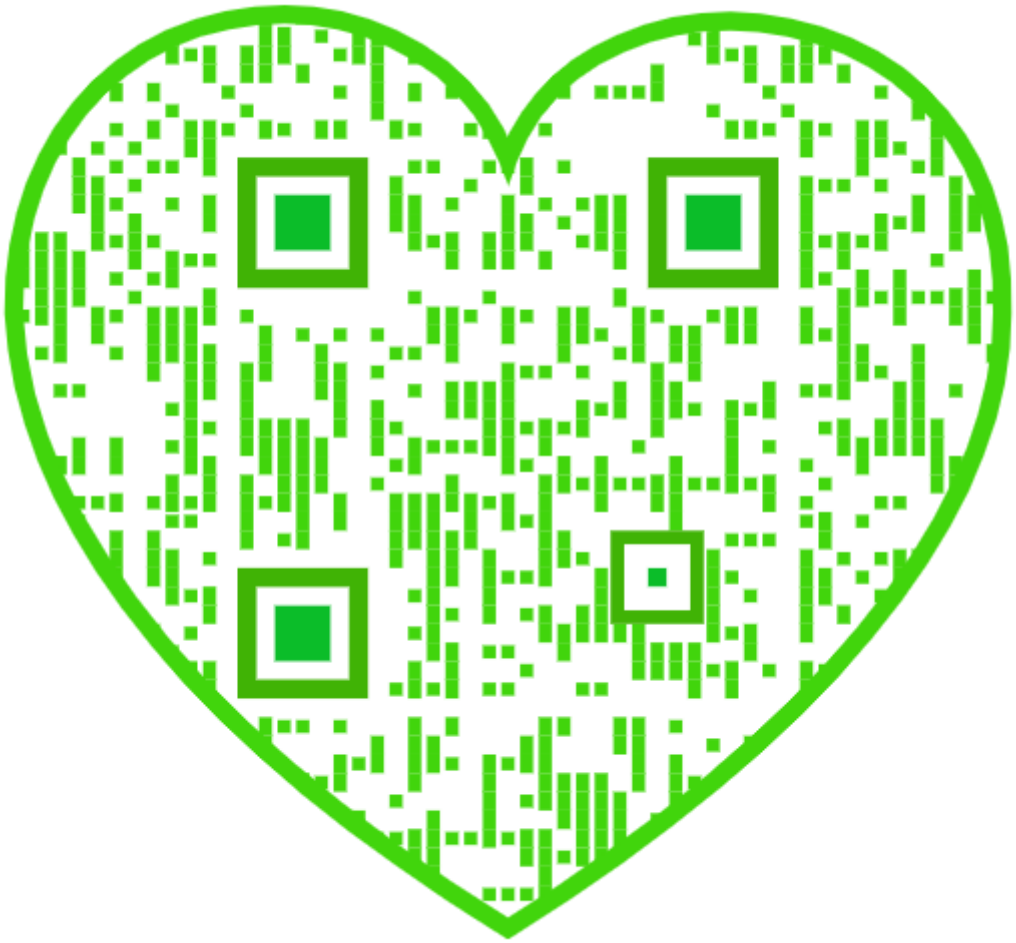
"PERFECTION"
STOVES, RANGES,
FURNACES.

The James Smart Mfg. Co., Limited.

"FAVORITE"
STOVES AND
RANGES.



Fine Art

COMBINED CATALOGUE

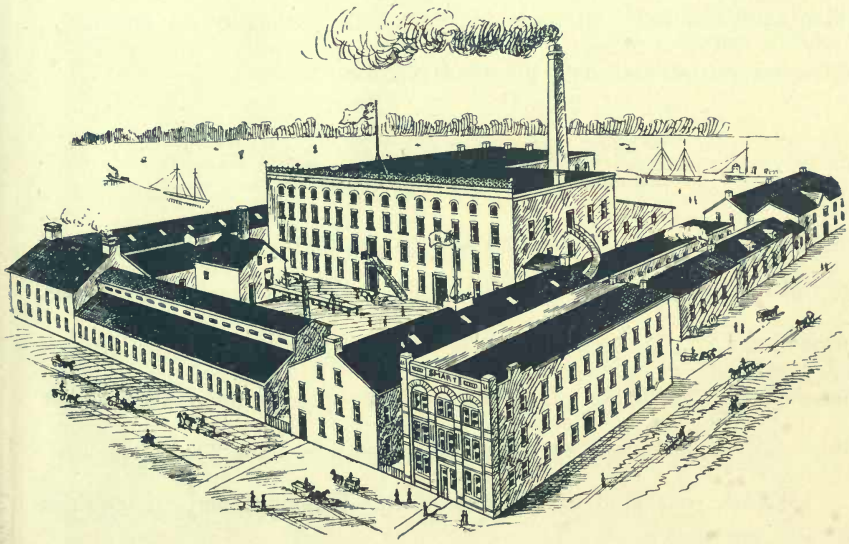
AND

WHOLESALE PRICE LIST

OF

"Perfection" Stoves, Ranges and Furnaces,

"Favorite" Stoves and Ranges.



WORKS OF THE JAMES SMART MFG CO.

The James Smart Mfg., Co.,

Limited,

Brockville, Ontario, Canada.

1181 – 94160

To the Trade.

In presenting this Catalogue and Price List, we do so believing that it comprises the most varied and desirable assortment of Stoves and Ranges offered by any manufacturer in Canada.

THE PERFECTION LINE

Has made for itself an enviable reputation because of its originality, patented features and many points of excellence.

THE FAVORITE LINE

Is well and favorably known, and has many warm friends. We succeeded to this line through purchasing the business of THE CHOWN & CUNNINGHAM CO., LTD., Kingston, and have made such changes in patterns as have seemed desirable. This line will be placed upon the market thoroughly well made in every particular, and fully guaranteed.

We ask your kind examination of this Catalogue, and all inquiries and commands will have our prompt and careful attention.

Yours truly,

THE JAMES SMART MFG. CO., LTD.,

BROCKVILLE, ONT

683.88029
J115.2

Terms

On Stoves, Furnaces, Hollow Ware and Tin Furniture.

Four months, dating from the end of the month in which goods are shipped. All accounts to be settled by note or cash.

Goods supplied during the months of July, August and September, will date as 30th of September—four months.

Freight will be allowed to Customer's nearest Railway Station or Steamboat landing, on Stoves and Hollow Ware, but not on repairs unless in lots of 200 lbs. or over.

Safe delivery guaranteed to Customer's nearest Railway Station or Steamboat landing.

Cash Discount within thirty days from first of month following shipment, 5 per cent. The amount of freight must in all cases be deducted before cash discount is calculated.

Interest at 8 per cent. will be charged on all renewals and over-due accounts.

We ship no goods "on commission" nor to be paid for when sold.

Prices in this list include Black Leading and Cartage.

On Other Goods.

Four months from date of shipment, or 5 per cent. discount for cash in thirty days. Delivery: Brockville, Montreal or Toronto.

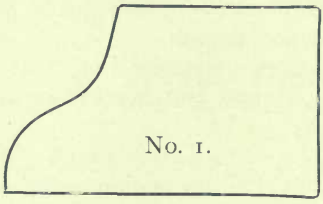
Features of the Perfection Line.

The Fire Box--for wood.

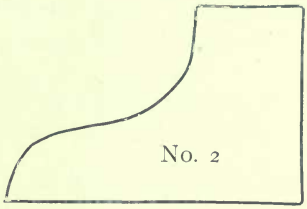
Full Length. Sectional Knobbed Fire Backs, ventilated.
Extra Heavy Bottom Fire Grates, well supported.
Large Feed Door at both ends of Fire Box.

The Oven.

Shape of Perfection Oven.

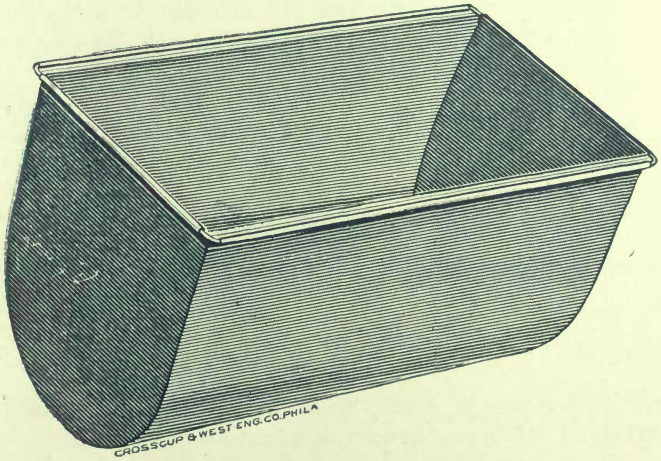


Shape of Other Ovens.



No. 1 is shape of Perfection Oven made from our own original wood patterns. This oven is symmetrical and provides large capacity as well as other excellent features.

No. 2 is a deformed shape of oven and belongs to an old fashioned class of stoves. Stoves of this form even when re-dressed are out of date.

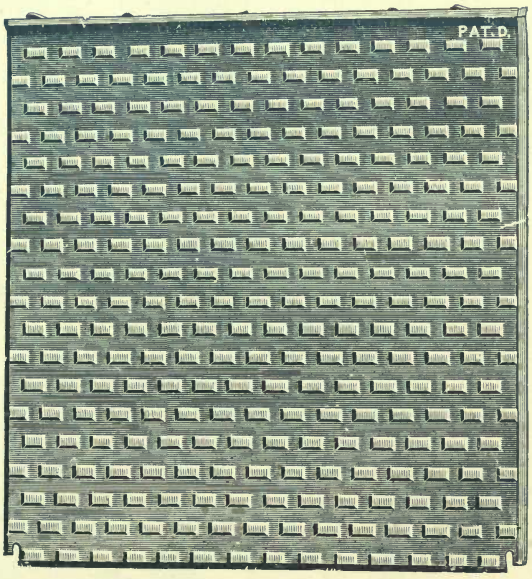


Rounding Bottom Copper Tank.

This Tank presents more heating surface and is more easily cleaned than any other form, and a smaller quantity of water can be heated and dipped out.

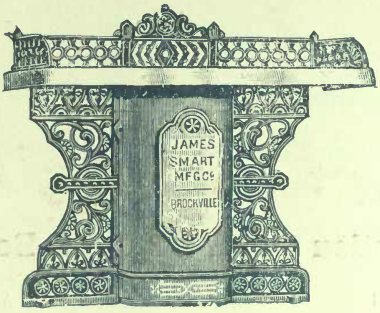
Features of the Perfection Line.

Perfection Patented Oven Bottom.



This Patented Oven Bottom is one of the most saleable features of Perfection Stoves and Ranges. The projections on its surface allow free circulation of air underneath the pan, so that "burning on the bottom" is practically impossible, and "browning on the bottom" always certain.

Features of the Perfection Line.

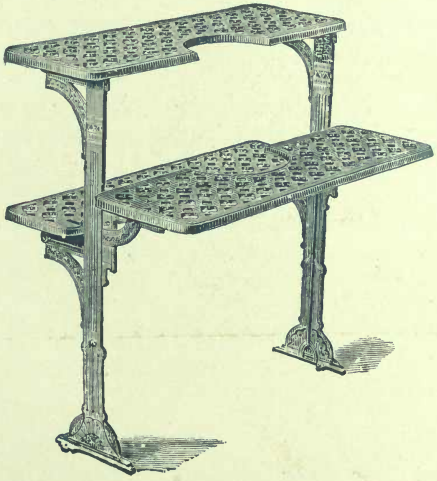


Fancy High Shelf.

This Fancy High Shelf fits all styles and sizes of Perfection Stoves and Ranges for Wood.

Price.

Each $4.50



Bracket High Shelf.

This Bracket High Shelf fits all sizes and styles of Perfection Stoves and Ranges for Wood.

Price.

Each $3.00

FOR CONVENIENCE IN REFERRING TO SAME

The Perfection Line is placed on the first sixty-nine pages of this Catalogue. Then follows

The Favorite Line, after which

Hollow-ware,

Hot Air Registers and Sundries.

The Index will be found on Pages 143 and 144.

IN

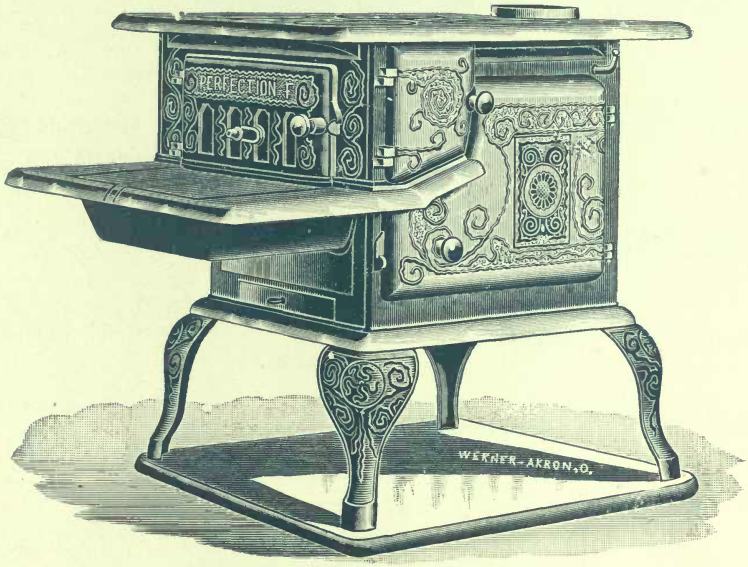
QUALITY, PRICE AND SALEABLE FEATURES,

OUR TWO LINES,

PERFECTION AND FAVORITE,

CAN NOT BE EXCELLED.

Perfection F.



Wood Cook, Square.

DESCRIPTION.

Perfection F Stoves have Nickeled Knobs, but otherwise are without Nickel Ornamentation, and also Leg Skirtings, Tiles, Tin Lined Oven Doors, Polished Edges, etc.

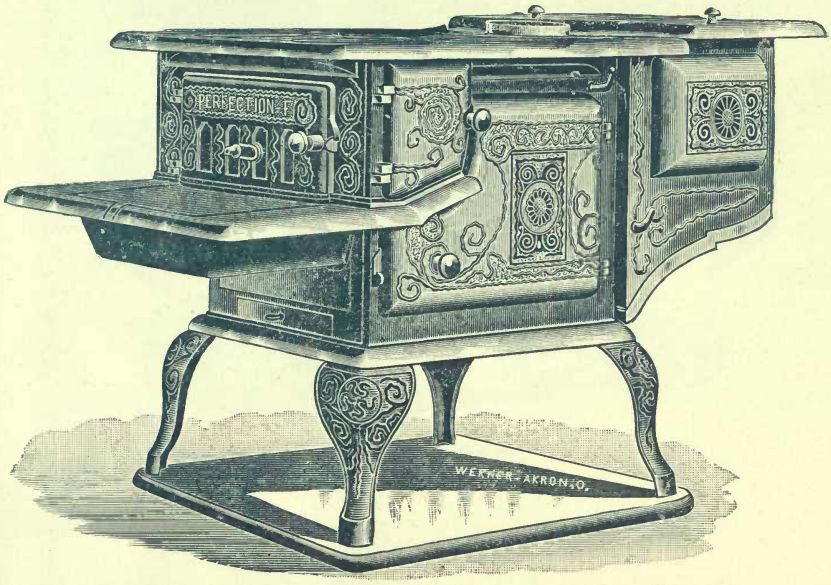
PRICES.

8-20 ..... $21.00
9-20 ..... 21.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of	Fire Box	Height
	Length.	Width.	Height.	Oven Rack.	Length.	with Legs.
8-20 and 9-20	18	20	12	12	25	29

Perfection F.



Wood Cook with Reservoir.

DESCRIPTION.

Perfection F Stoves have Nickeled Knobs, but otherwise are without Nickel Ornamentation, and also Leg Skirtings, Tiles, Tin Lined Oven Doors, Polished Edges, etc. All Perfection Stoves are thoroughly well fitted.

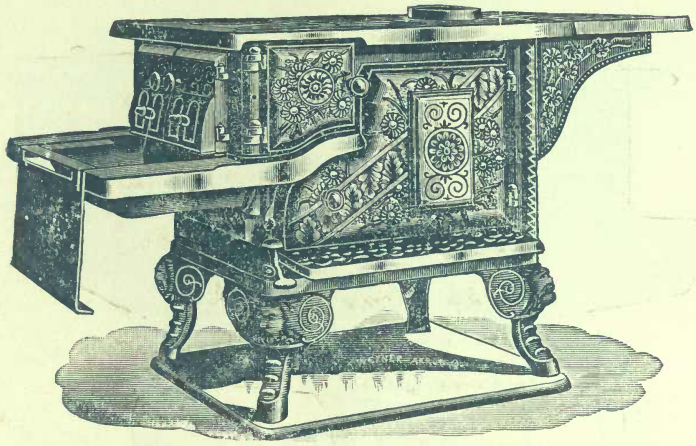
PRICES.

8-20	$32.00
9-20	32.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-20 and 9-20	18	20	11	12	25	29

Perfection K.



Wood Cook, Square.

DESCRIPTION.

Perfection K Stoves have Nickel Ornamentation, but are not furnished with Leg Skirtings, Tiles, Tin Lined Oven Doors, etc., but are thoroughly well fitted and have same body as our Perfection A and D.

Perfection K has Shelf under Ash Pan, not shown in cut.

PRICE.

8-19	9-19	8-21	9-21	9-23	9-25	10-25
$27.00	$27.00	$28.00	$28.00	$32.00	$34.00	$36.00

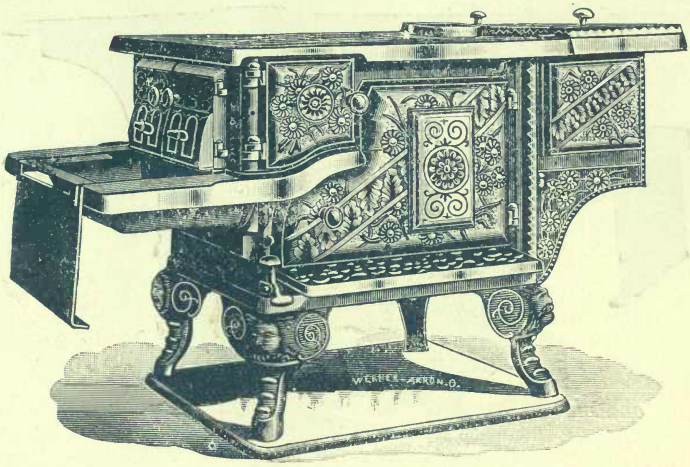
DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-19 and 9-19.....	19	19	13½	11½	26	28
8-21 and 9-21.....	21	20	13½	13	26	28
9-23.....	22	23	14½	14½	29	29
9-25 and 10-25.....	25	24	16	17½	29	30

Perfection Patented Oven Bottom, page 5.

Bracket and Fancy High Shelves, page 6.

Perfection K.



Wood Cook, with Reservoir.

DESCRIPTION.

Perfection K Stoves have Nickel Ornamentation, but are not furnished with Leg Skirtings, Tiles, Tin Lined Oven Doors, etc., but are thoroughly well fitted, and have same body as our Perfection A and D.

Perfection K has Shelf under Ash Pan, not shown in cut.

PRICES.

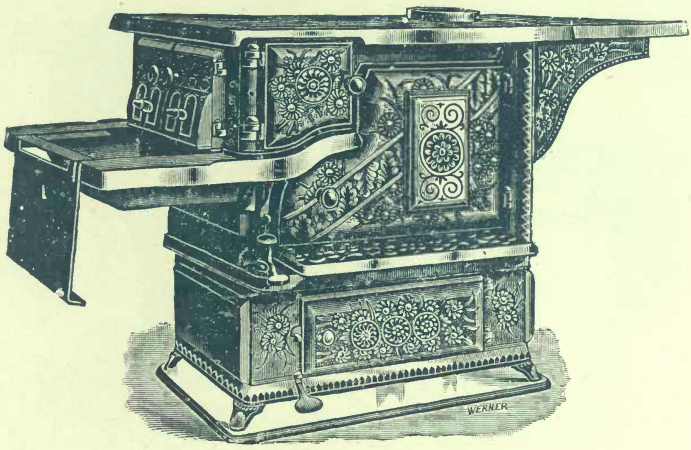
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$36.00	$36.00	$38.00	$38.00	$42 00	$44.00	$46.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-19 and 9-19.....	19	19	13½	11½	26	28
8-21 and 9-21.....	21	20	13½	13	26	28
9-23.....	22	23	14½	14½	29	29
9-25 and 10-25.....	25	24	16	17½	29	30

Perfection Rounded Bottom, Copper Tank, page 4.
Perfection Patented Oven Bottom page 5.
Bracket and Fancy High Shelves, page 6.

Perfection K.



Wood Cook, Square, with Low Closet.

DESCRIPTION.

Perfection K Stoves have Nickel Ornamentation, but are not furnished with Leg Skirtings, Tiles, Tin Lined Oven Doors, etc., but are thoroughly well fitted and have same body as our Perfection A and D.

PRICES.

Square, with Low Closet in place of Legs and Skirtings.

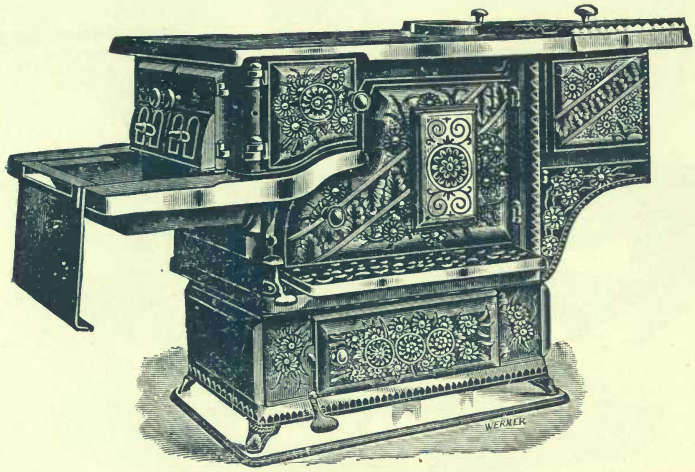
8-19	9-19	8-21	9-21	9 23	9.25	10.25
$30 00	$30.00	$31.00	$31.00	$35.00	$37.00	$39 00

DIMENSIONS IN INCHES.

		Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet. Length.	Width.	Height.
8-19 and	9-19	19	19	13½	11½	26	30	22	19	9
8-21 and	9-21	21	20	13½	13	26	30	24	19	9
	9-23	22	23	14½	14½	29	31½	26	21	10
9-25 and	10-25	25	24	16	17½	29	32	28	21	10

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection K.



Wood Cook, with Reservoir and Low Closet.

DESCRIPTION.

Perfection K Stoves have Nickel Ornamentation but are not furnished with Leg Skirtings, Tiles, Tin Lined Oven Doors, etc., but are thoroughly well fitted and have same body as our Perfection A and D.

PRICES.

With Reservoir and Low Closet in place of Legs and Skirting.

8-19	9 19	8-21	9-21	9-23	9-25	10-25
$39.00	$39 00	$41.00	$41.00	$45.00	$47.00	$49.00

DIMENSIONS IN INCHES.

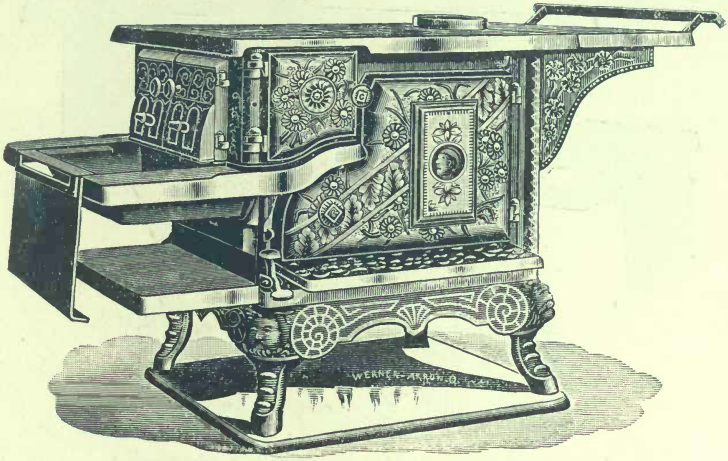
	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width.	Height.
8-19 and 9-19	19	19	13½	11½	26	30	22	19	9
8-21 and 9-21	21	20	13½	13	26	30	24	19	9
9-23	22	23	14½	14½	29	31½	26	21	10
9-25 and 10-25	25	24	16	17½	29	32	28	21	10

Perfection Rounded Bottom Copper Tank, page 4.

Perfection Patented Oven Bottom page 5.

Bracket and Fancy High Shelves, page 6.

Perfection D.



Wood Cock, with Upper and Lower Shelves.

DESCRIPTION.

Perfection D Stoves have Nickel and Tile Ornamentation, Tin Lined Oven Doors Highly Polished Edges, and are finished throughout in a strictly first-class manner.

Slide Hearth drops when pulled out, as shown in cut.

PRICES.

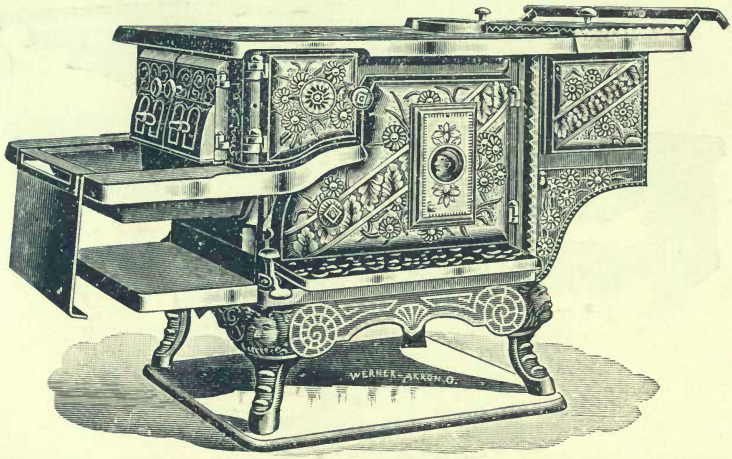
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$28.80	$28.80	$31.50	$31.50	$35.50	$38.00	$40.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-19 and 9-19	19	19	13½	11½	26	29
8-21 and 9-21	21	20	13½	13	26	29
9-22	23	23	14½	14½	29	30
9-25 and 10-25	25	24	16	17½	29	31

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection D.



Wood Cook, with Reservoir and two Lower Shelves.

DESCRIPTION.

Perfection D Stoves have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges, and finished throughout in a strictly first-class manner. Slide Hearth drops when pulled out, as shown in cut

Perfection D style is supplied in either Stove or Range form, as desired.

PRICES.

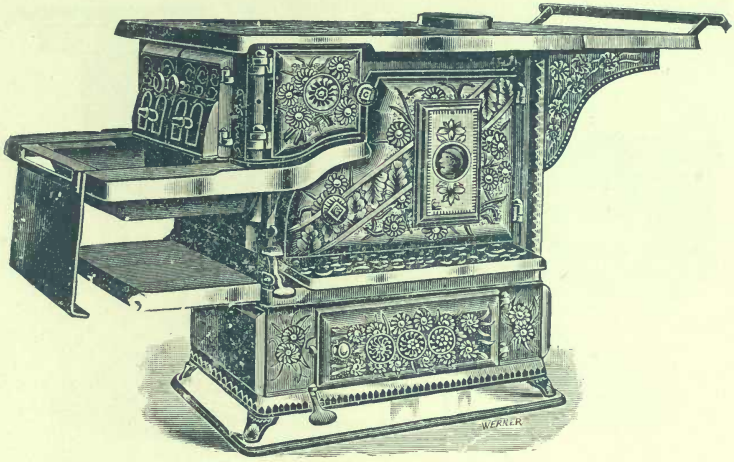
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$38.50	$38.50	$40.50	$40.50	$46.00	$48.00	$50.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-19 and 9-19.....	19	19	13½	11½	26	29
8-21 and 9-21	21	20	13½	13	26	29
9-23.....	22	23	14½	14½	29	30
9-25 and 10-25.....	25	24	16	17½	29	31

Perfection Rounded Bottom Copper Tank, page 4.
Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection D.



Wood Cook, with Closet and Upper and Lower Shelves.

DESCRIPTION.

Perfection D Stoves have Nickel and Tile Ornamentation, Tin Lined Oven Doors Highly Polished Edges, and are finished throughout in a strictly first-class manner. Slide Hearth drops when pulled out, as shown in cut.

PRICES.

With Low Closet in place of Legs and Skirtings.

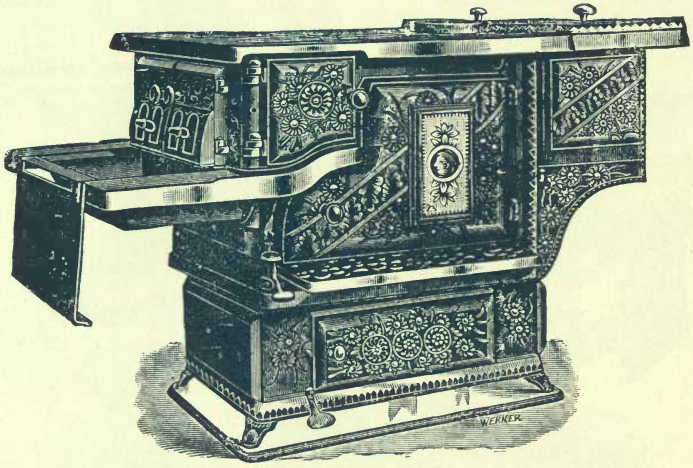
8-19	9-19	8-21	9 21	9-23	9-25	10-25
$31.80	$31.80	$34.50	$34.50	$38.50	$40 50	$43.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width.	Height.
8-19 and 9-19..	19	19	13½	11½	26	30	22	19	9
8-21 and 9-21..	21	20	13½	13	26	30	24	19	9
9-23..	22	23	14½	14½	29	31½	26	21	10
9-25 and 10.25..	25	24	16	17½	29	32	28	21	10

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection D.



Wood Cook, with Reservoir and Low Closet and Two Lower Shelves.

DESCRIPTION.

Perfection D Stoves have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Slide Hearth drops when pulled out, as shown in cut.

PRICES.

With Reservoir and Low Closet in place of Legs and Skirtings.

8-19	9-19	8-21	9-21	9-23	9-25	10 25
$41.50	$41.50	$43.50	$43.50	$48.50	$50.50	$53.00

DIMENSIONS IN INCHES.

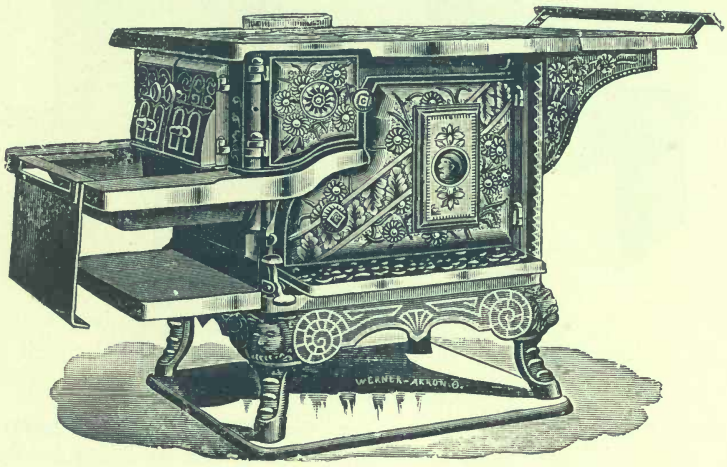
	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width.	Height.
8-19 and 9-19	19	19	13½	11½	26	30	22	19	9
8-21 and 9-21	21	20	13½	13	26	30	24	19	9
9-23	22	23	14½	14½	29	31½	26	21	10
9-25 and 10-25	25	24	16	17½	29	32	28	21	10

Perfection Rounded Bottom Copper Tank, page 4.

Perfection Patented Oven Bottom page 5.

Bracket and Fancy High Shelves, page 6.

Perfection D.



Range, Square, for Wood Only, with Upper and Lower Shelves.

DESCRIPTION.

Perfection D Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Slide Hearth drops when pulled out, as shown in cut.

PRICES.

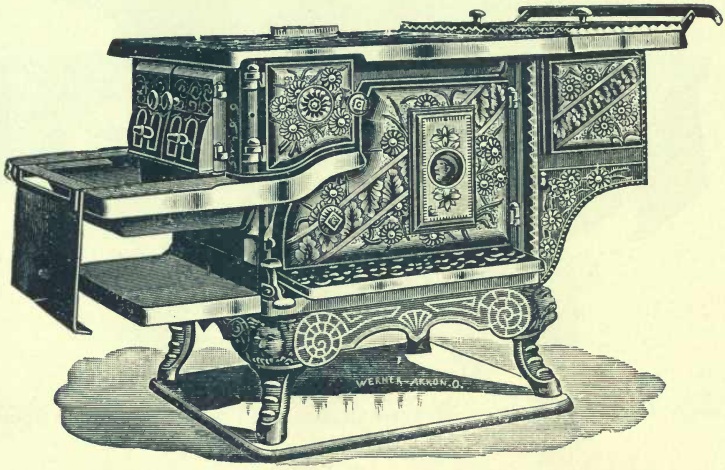
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$28.80	$28.80	$31.50	$31.50	$35.50	$38.00	$40.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-19 and 9-19.....	19	19	13½	11½	26	29
8-21 and 9-21	21	20	13½	13	26	29
9-23.....	22	23	14½	14½	29	30
9-25 and 10-25.....	25	24	16	17½	29	31

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection D.



Range, for Wood Only, with Reservoir and Two Lower Shelves.

DESCRIPTION.

Perfection D Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Slide Hearth drops when pulled out, as shown in cut.

PRICES.

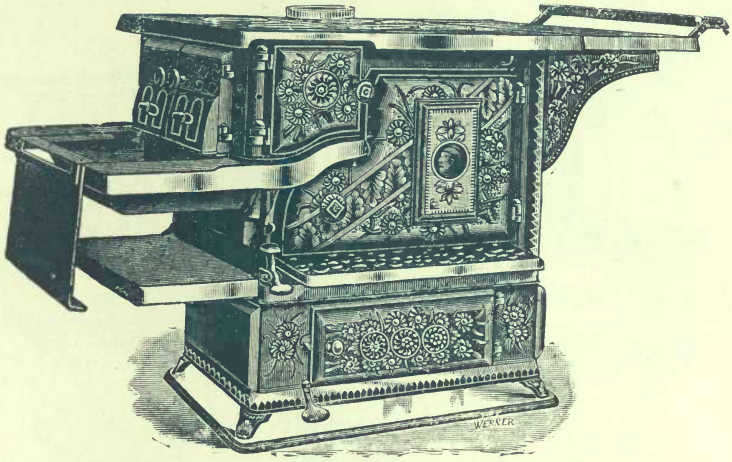
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$38.50	$38.50	$40.50	$40.50	$46.00	$48.00	$50 00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-19 and 9-19	19	19	13½	11½	26	29
8-21 and 9-21	21	20	13½	13	26	29
9-23	22	23	14½	14½	29	30
9-25 and 10-25	25	24	16	17½	29	31

Perfection Rounded Bottom Copper Tank, page 4.
Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection D.



Range, for Wood Only, with Low Closet and Upper and Lower Shelves.

DESCRIPTION.

Perfection D Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges, and are finished throughout in a strictly first-class manner. Slide Hearth drops when pulled out, as shown in cut.

PRICES.

With Low Closet in place of Legs and Skirtings.

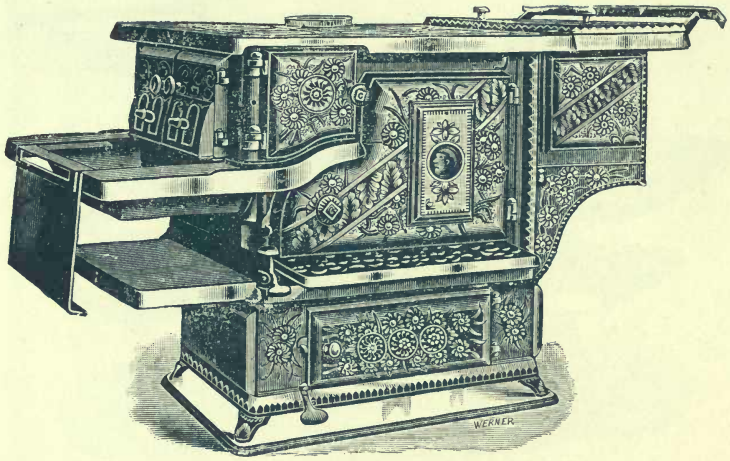
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$31.80	$31.80	$34.50	$34.50	$38.50	$40.50	$43.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width.	Height.
8-19 and 9-19...	19	19	13½	11½	26	30	22	19	9
8-21 and 9-21...	21	20	13½	13	26	30	24	19	9
9-23...	22	23	14½	14½	29	31½	26	21	10
9-25 and 10-25...	25	24	16	17½	29	32	28	21	10

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection D.



Range, for Wood Only, with Reservoir, Low Closet and Two Lower Shelves.

DESCRIPTION.

Perfection D Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges, and are finished throughout in a strictly first-class manner. Slide Hearth drops when pulled out, as shown in cut.

PRICE.

With Low Closet in place of Legs and Skirtings.

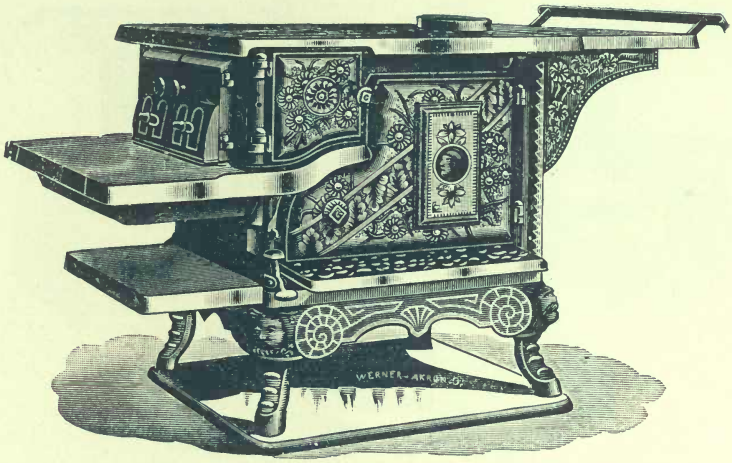
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$41.50	$41 50	$43 50	$43 50	$48.50	$50 50	$53 00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width,	Height.
8-19 and 9-19...	19	19	13½	11½	26	30	22	19	9
8 21 and 9-21...	21	20	13½	13	26	30	24	19	9
9-23...	22	23	14½	14½	29	31½	26	21	10
9-25 and 10-25...	25	24	16	17½	29	32	28	21	10

Perfection Rounded Bottom Copper Tank, page 4.
Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection A.



Wood Cook, with Upper and Lower Shelves.

DESCRIPTION.

Perfection A Stoves have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Large, Smooth Slide Hearth.

PRICES.

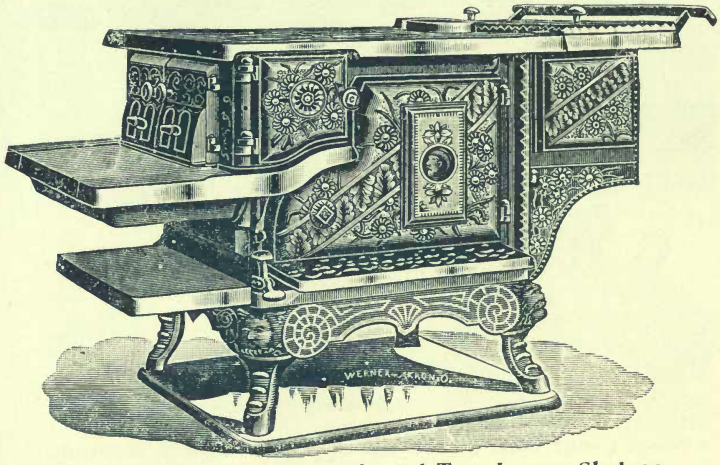
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$28.80	$28 80	$31.50	$31.50	$35.50	$38.00	$40.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length,	Height with Legs.
8-19 and 9-19.....	19	19	13½	11½	26	29
8-21 and 9-21.....	21	20	13½	13	26	29
9-23.....	22	23	14½	14½	29	30
9-25 and 10-25.....	25	24	16	17½	29	31

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection A.



Wood Cook, with Reservoir and Two Lower Shelves.

DESCRIPTION.

Perfection A Stoves have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges, and are finished throughout in a strictly first-class manner. Large, Smooth Slide Hearth.

PRICES.

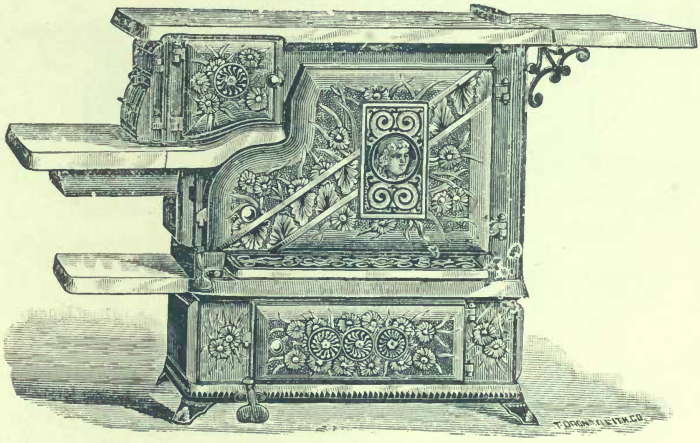
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$38.50	$38 50	$40.50	$40.50	$46.00	$48.00	$50 00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack	Fire Box Length.	Height with Legs.
8-19 and 9-19	19	19	13½	11½	26	29
8-21 and 9-21	21	20	13	13	26	29
9-23	22	23	14½	14½	29	30
9-25 and 10-25	25	24	16	17½	29	31

Perfection Rounded Bottom Copper Tank, page 4.
Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection A.



Wood Cook, with Closet and Upper and Lower Shelves.

DESCRIPTION.

Perfection A Stoves have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Large, Smooth Slide Hearth.

PRICES.

With Low Closet in place of Legs and Skirtings.

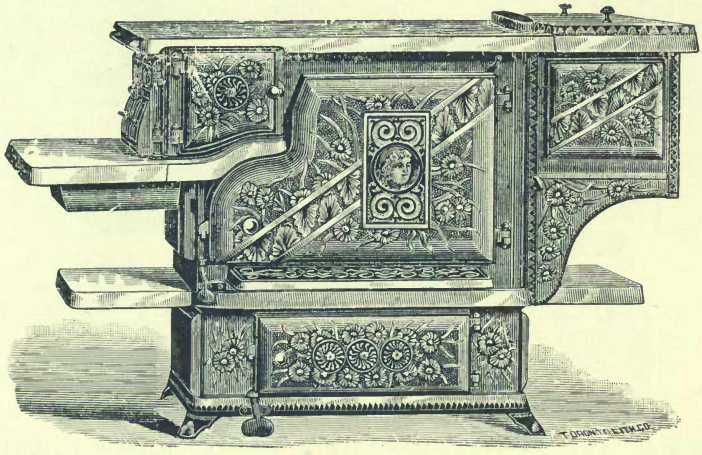
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$31.80	$31.80	$34.50	$34.50	$38.50	$40.50	$43.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width.	Height.
8-19 and 9-19..	19	19	13½	11½	26	30	22	19	9
8-21 and 9-21..	20	20	13½	13	26	30	24	19	9
9-23..	22	23	14½	14½	29	31½	26	21	10
9-25 and 10 25..	25	24	16	17½	29	32	28	21	10

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection A.



Wood Cook, with Reservoir and Low Closet, and Two Lower Shelves.

DESCRIPTION.

Perfection A Stoves have Nickel and Tile Ornamentation Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Large Smooth Slide Hearth.

PRICES.

With Reservoir and Low Closet in place of Legs and Skirtings.

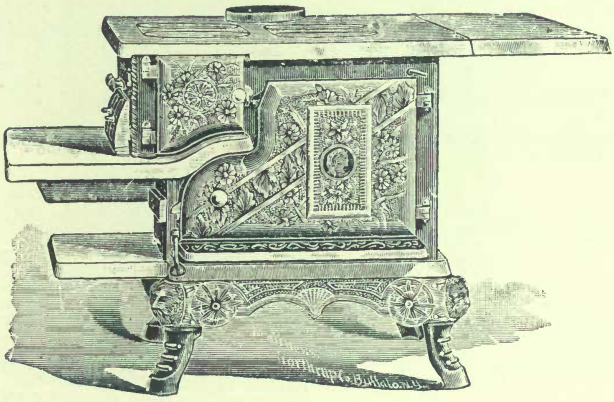
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$41.50	$41 50	$43.50	$43.50	$48.50	$50.50	$53 00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width.	Height.
8-19 and 9-19	19	19	13½	11½	26	30	22	19	9
8-21 and 9-21	21	20	13½	13	26	30	24	19	9
9-23	22	23	14½	14½	29	31½	26	21	10
9-25 and 10-25	25	24	16	17½	29	32	28	21	10

Perfection Patented Oven Bottom, page 5.
Perfection Rounded Bottom Copper Tank, page 4.
Bracket and Fancy High Shelves, page 6.

Perfection A.



Range, Square, for Wood Only, with Upper and Lower Shelves.

DESCRIPTION.

Perfection A Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Large, Smooth Slide Hearth.

PRICES.

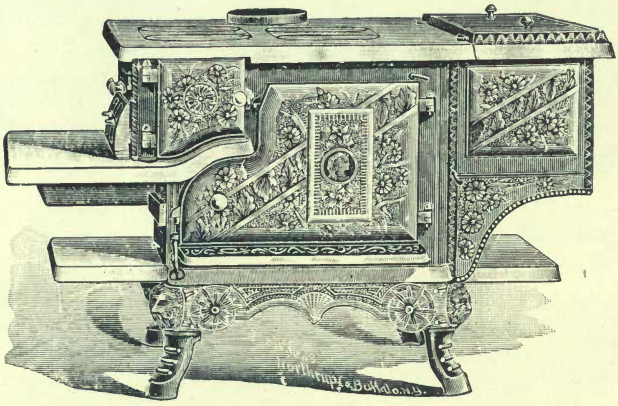
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$28.80	$28.80	$31.50	$31.50	$35.50	$38.00	$40.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs
8-19 and 9-19	19	19	13½	11½	26	29
8-21 and 9-21....	21	20	13½	13	26	29
9-23.....	22	23	14½	14½	29	30
9-25 and 10-25.....	25	24	16	17½	29	31

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves. page 6.

Perfection A.



Range, for Wood Only, with Reservoir and Two Lower Shelves.

DESCRIPTION.

Perfection A Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Large, Smooth Slide Hearth.

PRICES.

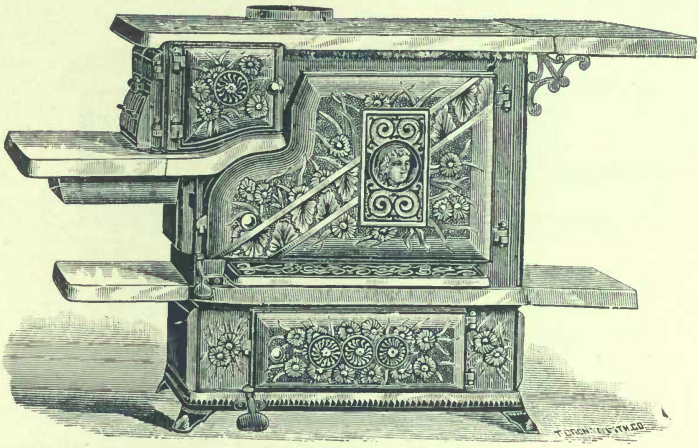
8-19	9-19	8-21	9 21	9-23	9-25	10-25
$38.50	$38.50	$40.50	$40.50	$46.00	$48.00	$50.00

DIMENSIONS IN INCHES.

		Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Legs.
8-19 and	9-19.....	19	19	13½	11½	26	29
8-21 and	9-21.....	21	20	13½	13	26	29
	9-23.....	22	23	14½	14½	29	30
9-25 and	10-25.....	25	24	16	17½	29	31

Perfection Rounded Bottom Copper Tank, page 4.
Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection A.



Range for Wood Only, with Low Closet and Upper and Lower Shelves.

DESCRIPTION.

Perfection A Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges, and finished throughout in a strictly first-class manner. Large, Smooth Slide Hearth.

PRICES.

With Low Closet in place of Legs and Skirtings.

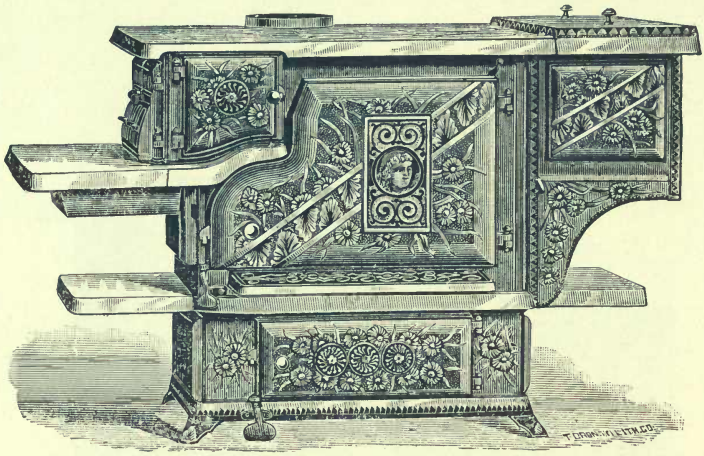
8-19	9-19	8-21	9-21	9-23	9-25	10-25
$31.80	$31.80	$34.50	$34.50	$38.50	$40.50	$43.00

DIMENSIONS IN INCHES.

		Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet. Length.	Width.	Height.
8-19 and	9-19	19	19	13½	11½	26	30	22	19	9
8-21 and	9-21	21	20	13½	13	26	30	24	19	9
	9-23	22	23	14½	14½	29	31½	26	21	10
9-25 and	10-25	25	24	16	17½	29	32	28	21	10

Perfection Patented Oven Bottom, page 5.
Bracket and Fancy High Shelves, page 6.

Perfection A.



Range, for Wood Only, with Reservoir, Low Closet and Two Lower Shelves.

DESCRIPTION.

Perfection A Ranges have Nickel and Tile Ornamentation, Tin Lined Oven Doors, Highly Polished Edges and are finished throughout in a strictly first-class manner. Large, Smooth Slide Hearth.

PRICES.

With Low Closet in place of Legs and Skirtings.

8-19	9-19	8-21	9-21	9-23	9-25	10-25
$41.50	$41.50	$43.50	$43 50	$48 50	$50.50	$53 00

DIMENSIONS IN INCHES.

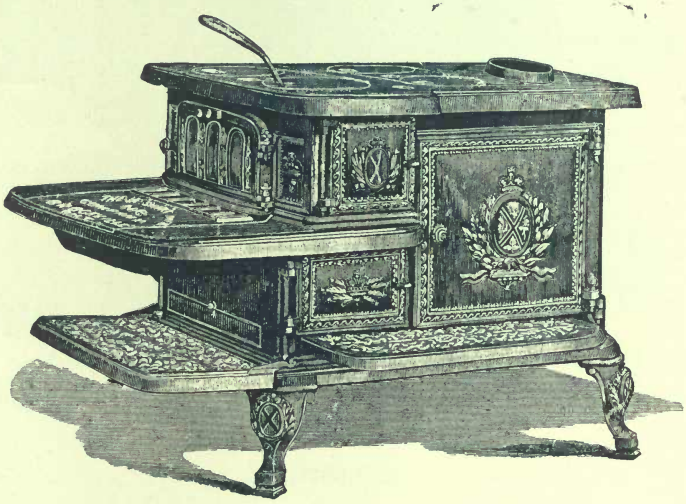
	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Height with Closet.	Size of Closet.		
	Length.	Width.	Height.				Length.	Width.	Height
8-19 and 9-19...	19	19	13½	11½	26	30	22	19	9
8-21 and 9-21...	21	20	13½	13	26	30	24	19	9
9-23...	22	23	14½	14½	29	31½	26	21	10
9-25 and 10-25...	25	24	16	17½	29	32	28	21	10

Perfection Rounded Bottom, Copper Tank, page 4.

Perfection Patented Oven Bottom page 5.

Bracket and Fancy High Shelves, page 6.

Smart's Cook.



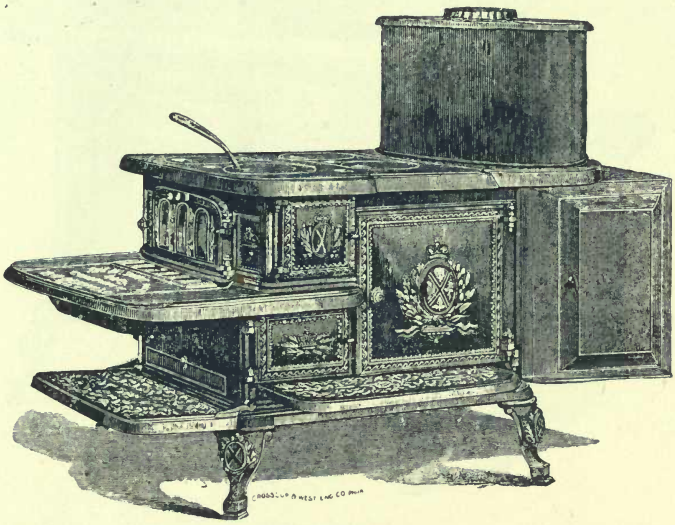
Extra Large and Heavy, Low Oven, Wood Cook.

Smart's Cook has no Nickel Ornamentation. Oven Doors not lined.

DIMENSIONS IN INCHES.

	Size of Oven.	Length of Fire Box.	Price.
No. 9..... 5 Holes	27 x 27 x 15 inches	33 inches	$44.00
No. 10..... 4 "	27 x 27 x 15 "	28 "	44.00

Smart's Cook.



With Planished Copper Tank and Tin Warming Closet.

Two Sizes, Nos. 9 and 10.

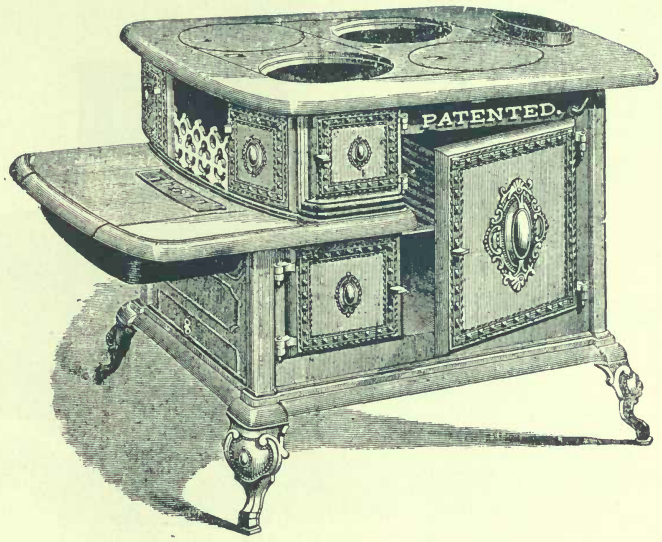
DESCRIPTION.

Smart's Cook has no Nickel Ornamentation, Oven Doors not lined with Tin. This Stove also supplied without Reservoir and Closet, but with Extension Top and Reservoir Covers, for convenience of Tinsmiths who prefer to make Reservoir and Closet.

PRICES.

	Size of Oven.	Length of Fire Box.	
No. 9—Complete with Tank and Closet,	27x27x15	33 inches	$66 00
No. 10— " " " "	27x27x15	28 "	66.00
No. 9—Extended, without Tank and Closet,	27x27x15	33 "	46.00
No. 10— " " " "	27x27x27	28 "	46.00

Favorite.



Wood Cook.

DESCRIPTION.

Favorite Stoves are made perfectly plain and sold at specially low prices.

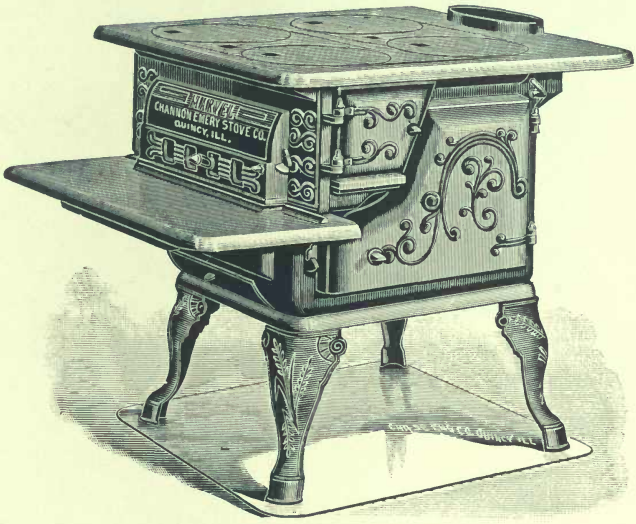
PRICES.

No. 7	$18.50
No. 8	21.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of	Fire Box	Height
	Length.	Width.	Height.	Oven Rack.	Length.	with Legs.
No. 7	16	16	11	9½	21	24
No. 8	18	18	12	11	22	26

Marvel.



Wood Cook, Square.

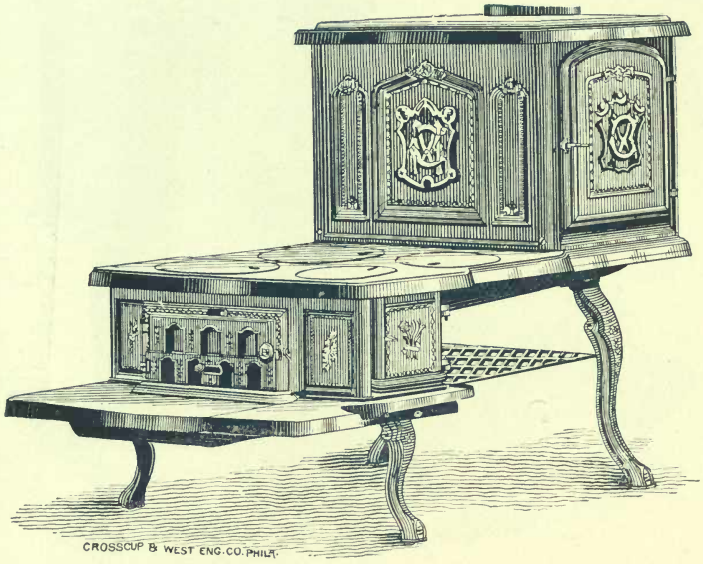
DESCRIPTION.

Light Weight. Perfectly Plain. A New Stove of Very Pretty Design. Exceptionally Low Priced.

SIZES AND PRICES.

No. 7—Four 7 in. holes,	Oven	15 x 16 in.,	Fire Box	19½ in..	.....	$14.00
No. 77—	" 7	"	"	17 x 18 "	"	21½ in.....	.....	17.00
No. 8—	" 8	"	"	17 x 18 "	"	21½ in.....	.....	17.00

Not made with Reservoir.



Elevated Oven, with Plate Warming Shelf.

DESCRIPTION.

Light Weight, Low Priced, Nickel Ornamentation and Polished Edges.
One Size, No. 9.
Warming Shelf always shipped unless otherwise instructed in order.

PRICE.

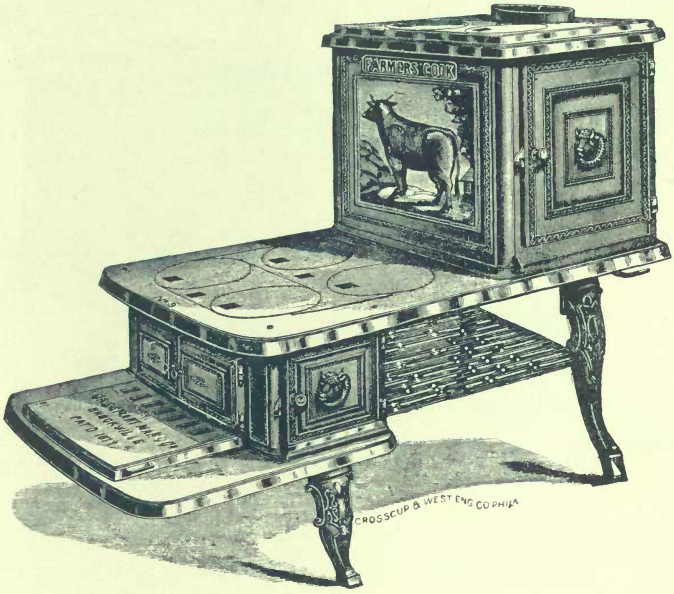
No. 9.....$26.00

Warming Shelf, deduct from list when not wanted, $1.00.

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.
No. 8	22	11	13	11½	24
No. 9	22	12	14	11½	26

Farmers' Cook



With Plate Warming Grate. Very Heavy Elevated Oven, Wood Cook.

First Class Finish, Polished Edges. Either Pipe Top or Pipe Back.

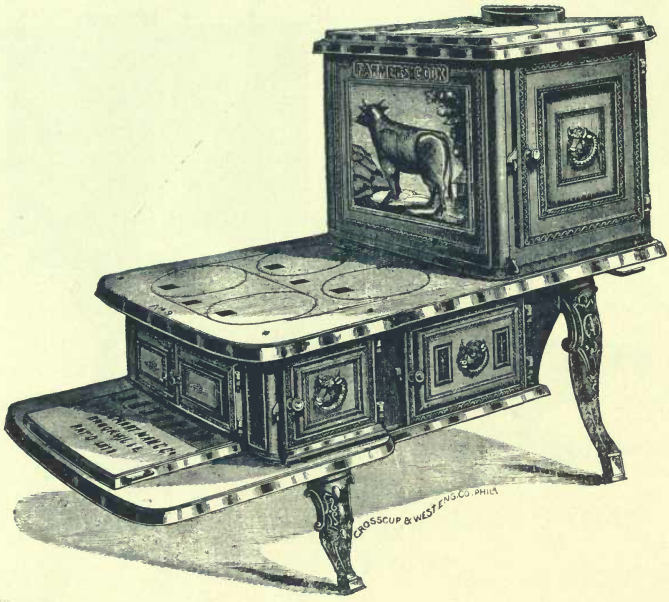
PRICES.

No. 9—Pipe Top and Plate Warming Grate	$35.00
No. 9—Pipe Back " " "	36.00
No. 10—Pipe Top " " "	35.50
No. 10—Pipe Back " " "	36.50

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Grate.	Fire Box Length.
No. 9	29	14	14	12	30
No. 10	29	14	14	12	30

Farmer's Cook



With Low Warming Closet.

First-class finish, Polished Edges. Either Pipe Top or Pipe Back.

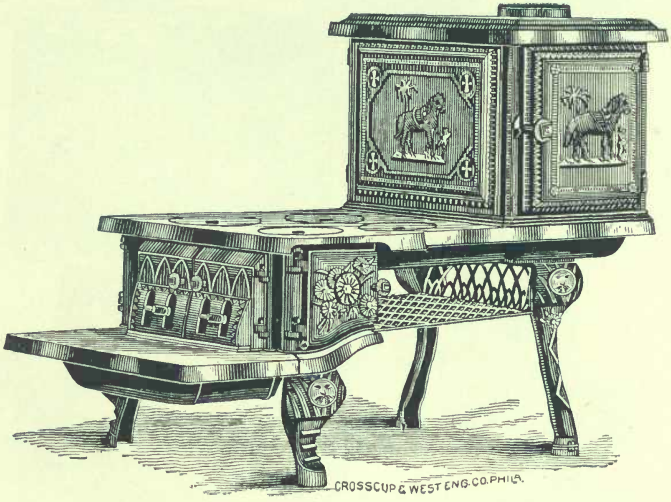
PRICES.

No. 9—Pipe Top and Clo et	$39 00
No. 9—Pipe Back and Closet	40 co
No. 10—Pipe Top and Closet	40.00
No. 10—Pipe Back and Closet	40.50

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length.	Size of Closet.		
	Length.	Width.	Height.			Length.	Width.	Height
No. 9	29	14	14	12	30	15	27	9
No. 10	29	14	14	12	30	15	27	9

Perfection A.



Elevated Oven.

Two Size..... { 9-21, "Direct" and "Cut Off."
9-25, " "

Polished Edges, Nickeled Knobs and Plate Warming Shelf.

PRICES.

No. 9-21—"Direct" Draft	$29.00
No. 9-21—"Cut Off" "	30.00
No. 9-25—"Direct" "	33.00
No. 9-25—"Cut Off" "	34.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.
9-21	24	12½	14½	10½	26
9-25	26	14	15½	12	29

Perfection B Ranges

FOR COAL AND WOOD.

Description.

Nickel and Tile Ornamentation. Tin Lined Oven Doors. Polished Edges. Genuine Duplex Grate. Patented Oven Bottom. Lift Out Ash Pan. Large Slide Hearth. Nickel Plated Edges. Extra Heavy Fire Box Linings. Rounded Flues. Rounded Water Front. Rounded Bottom Copper Tank

The Water Front

is rounded in form and will heat a large tank of water to boiling, when the fire is shut off for the night and when there is hardly any heat from the Range itself.

The Perfection B. will keep fire from 10 to 12 Hours

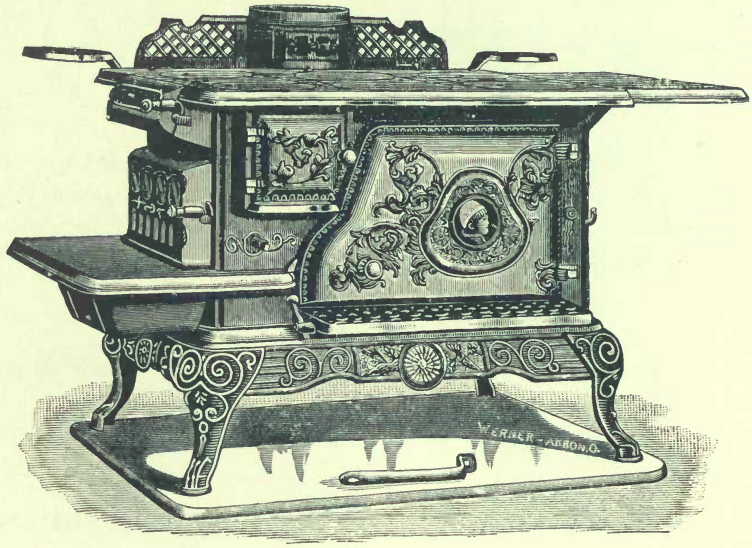
WITH VERY SMALL CONSUMPTION OF FUEL.

Reservoir attachment can be easily fitted to a Square Range, or *vice versa*.

In Water Front Ranges the Grate and Grate Frame can be removed without disturbing the water front itself.

Please write for Special Advertising Matter.

Perfection B.



Square.

PRICES.

8-20—Square, including Coal and Wood Fixtures	$46.00
9-20— " " " " "	46.00
9-22— " " " " "	50.00
9-22—Water Fronts with Iron Couplings	6.00
8-20 and 9-20— " " " "	5.00

DIMENSIONS IN INCHES.

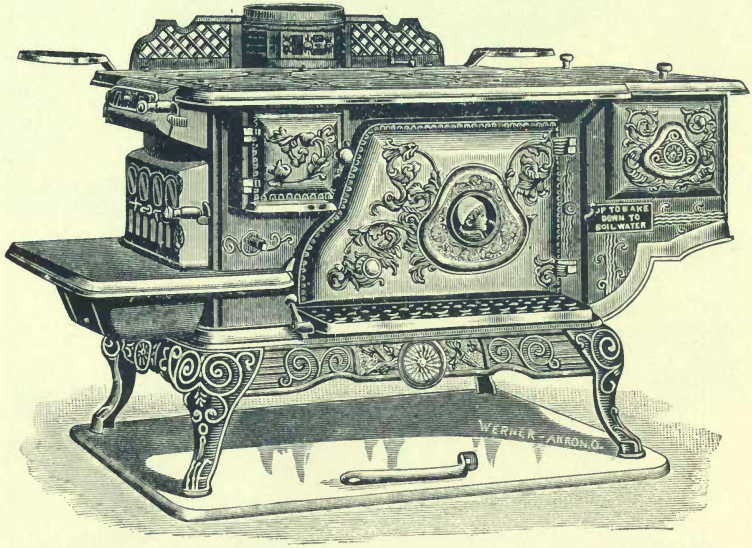
	Size of Oven. Length.	Depth.	Height.	Width of Oven Rack.	Fire Box Length for wood,
8-20 and 9-20	20	20	13	17	24
9-22	22	22	14½	18½	26

Not including swell of Oven Door.

Perfection Patented Oven Bottom, page 5.

See page 37 for description.

Perfection B.



With Reservoir.

PRICES.

8-20—With Reservoir, including Coal and Wood Fixtures.....$54.00
9-20— " " " " " 54 00
9-22— " " " " " 58.00

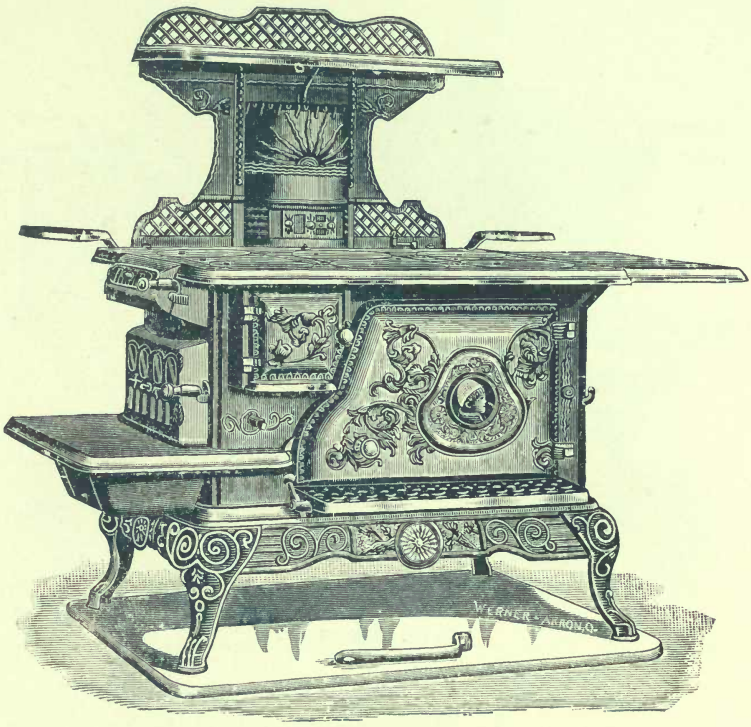
DIMENSIONS IN INCHES.

	Size of Oven. Length.	Depth.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
8-20 and 9-20.....	20	20	13	17	24
9-22.....	22	22	14½	18½	26

Not including Swell of Oven Door.

Perfection Patented Oven Bottom, page 5.
Perfection Rounded Bottom Copper Tank, page 4.
See page 37 for description.

Perfection B.



Square, With High Shelf.

PRICES.

8-20—Square, with High Shelf, including Coal and Wood Fixtures..... $51.50
9-20— " " " " " " " 51.50
9-22— " " " " " " " 55.50
9-22—Water Fronts with Iron Couplings, $6.00.
8-20 and 9-20— " " " " 5.00.

DIMENSIONS IN INCHES.

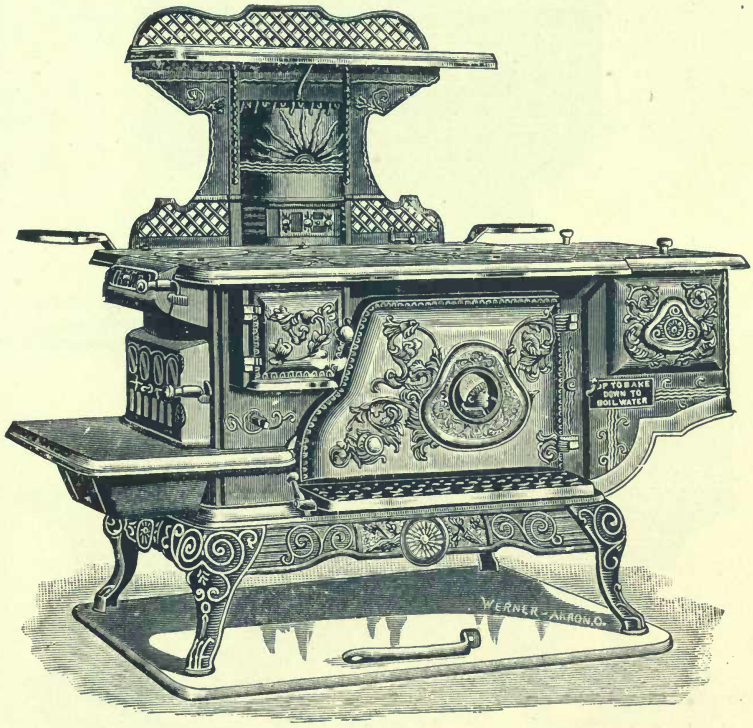
	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
8-20 and 9-20.....	20	20	13	17	24
9-22.....	22	22	14½	18½	26

Not including Swell of Oven Door.

Perfection Patented Oven Bottom, page 5.

See page 37 for description.

Perfection B.



With Reservoir and High Shelf.

PRICES.

8-20—With Reservoir and High Shelf, including Coal and Wood Fixtures.....$59.50
9-20— " " " " " " " " 59.50
9-22— " " " " " " " " 63.50

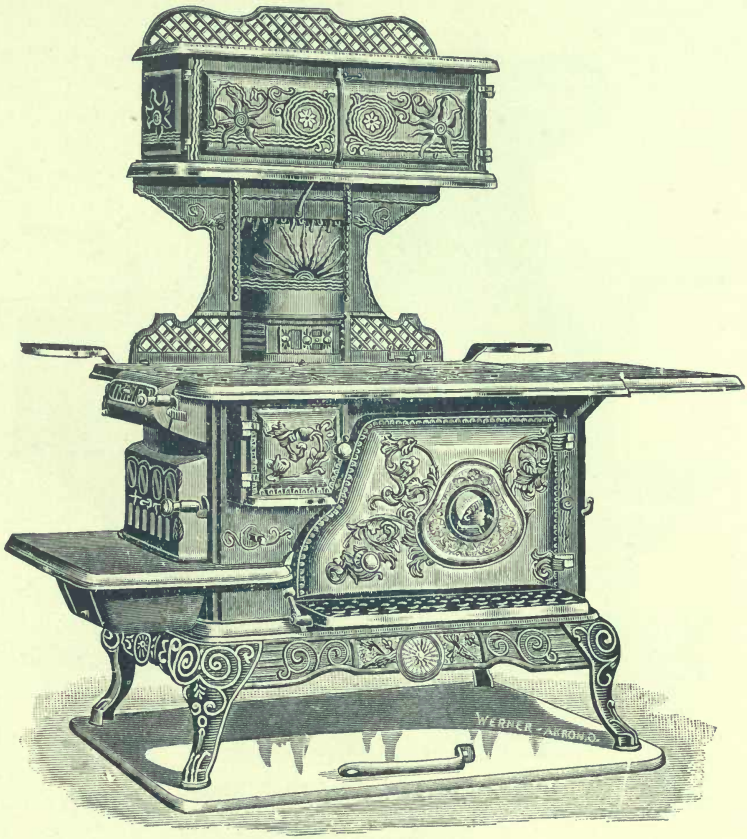
DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
8-20 and 9-20.....	20	20	13	17	24
9-22.....	22	22	14½	18½	26

Not including Swell of Oven Door.

Perfection Rounded Bottom Copper Tank, page 4.
Perfection Patented Oven Bottom page 5.
See page 37 for description.

Perfection B.



Square, with High Closet.

PRICES.

8-20—Square, with High Closet, including Coal and Wood Fixtures	$56.00
9-20— " " " " " " "	56.00
9-22— " " " " " " "	60.00
9-22—Water Fronts with Iron Couplings	6 00
8-20 and 9-20— " " " "	5.00

DIMENSIONS IN INCHES.

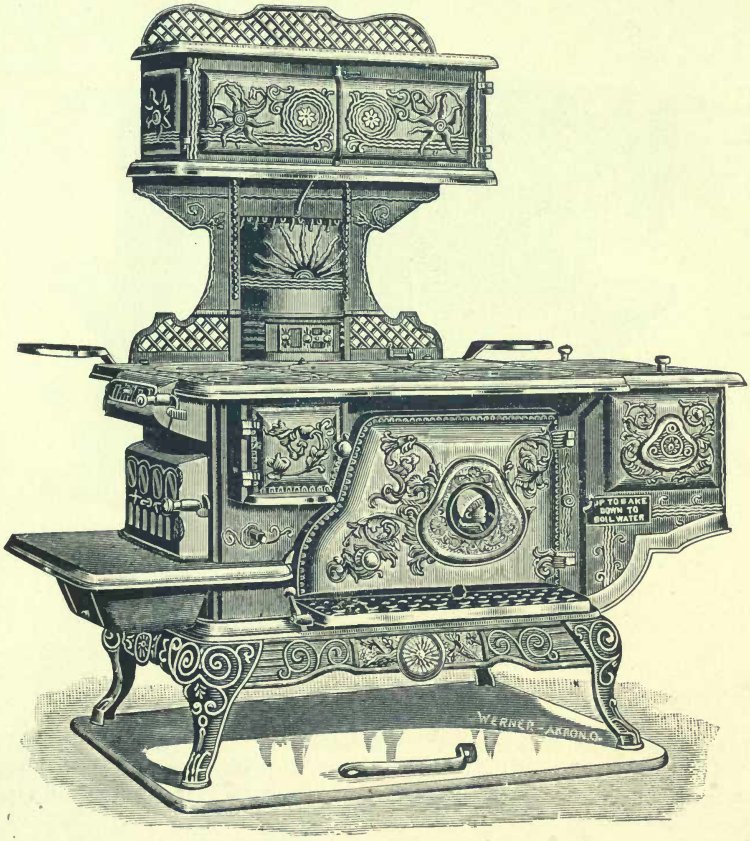
	Size of Oven. Length,	Depth,	Height.	Width of Oven Rack.	Fire Box Length for Wood.
8-20 and 9-20	20	20	13	17	24
9-22	22	22	14½	18½	26

Not including Swell of Oven Door.

Perfection Patented Oven Bottom, page 5.

See page 37 for description.

Perfection B.



With Reservoir and High Closet.

PRICES.

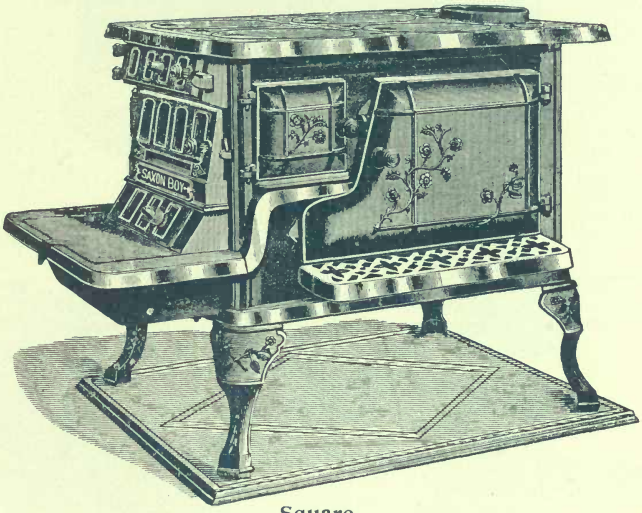
8-20—	With Reservoir and High Closet, Coal and Wood Fixtures	$64.00
9-20—	" " " " " " "	64.00
9-22—	" " " " " " "	68.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of	Fire Box Length
	Length.	Depth.	Height.	Oven Rack.	for Wood.
8-20 and 9-20	20	20	13	17	24
9-22	22	22	14½	18½	26

Not including Swell of Oven Door.
Perfection Patented Oven Bottom, page 5.
Rounded Bottom Copper Tank, page 4.
See page 37 for description.

Saxon Boy.



Square.

DESCRIPTION.

Light Weight Coal and Wood Cook, with Fire Brick or Cast Iron Fire Box Linings as preferred. Plain Ornamentation. Oven Doors not lined with Tin, but whitened instead.

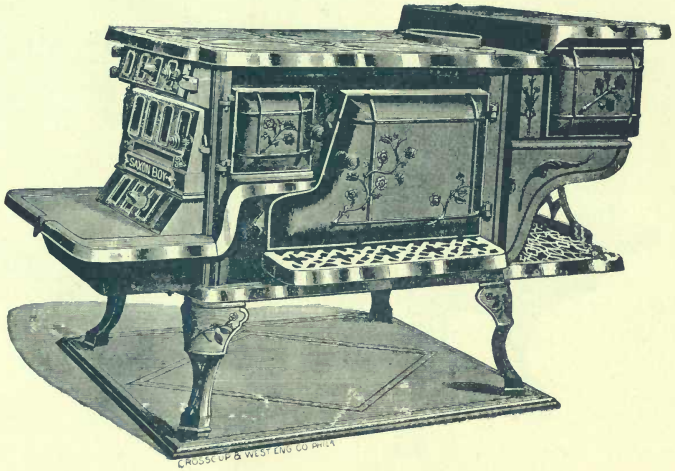
PRICES.

No. 8—Square, for both Coal and Wood..... $24.00
No. 9— " " " " 24.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
Nos. 8 and 9.....	18	20	11	13	23

Saxon Boy.



With Reservoir.

DESCRIPTION.

Light Weight Coal and Wood Cook with Fire Brick or Cast Iron Fire Box Linings, as preferred. Plain Ornamentation. Oven Doors not Lined with Tin but whitened instead.

PRICES.

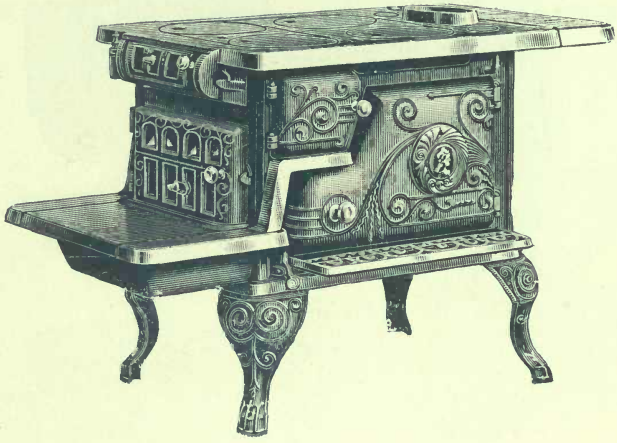
No. 8—With Reservoir for both Coal and Wood..... ....$34.00
No. 9— " " " " " 34 00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
Nos. 8 and 9.....	18	20	11	13	23

Perfection Rounded Bottom Tank, page 4.

Perfection M.



Square.

DESCRIPTION.

A first class Coal and Wood Cook, Nickel Ornamentation, Patented Oven Bottom, Oven Doors not Lined with Tin but whitened instead. Plain Polished Edges. No Leg Skirtings. Fire Brick or Heavy Cast Iron Fire Box Linings as preferred. Square or Oval Fire Box.

PRICES.

No. 8-20—Square, for both Coal and Wood $29.00
No. 9-20— " " " " 29.00
No. 9-22— " " " " 34.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
No. 8-20	18	20	11	13	22
No. 9 20	18	20	11	13	22
No. 9-22	20	22	12	14½	23

Perfection Patented Oven Bottom, page 5.

Perfection M.

With Reservoir.

DESCRIPTION.

A first class Coal and Wood Cook, Nickel Ornamentation, Patented Oven Bottom, Oven Doors not lined with Tin, but whitened instead, Plain Polished Edges, no Leg Skirtings. Fire Brick or Heavy Cast Iron Fire Box Linings, as preferred.

PRICES.

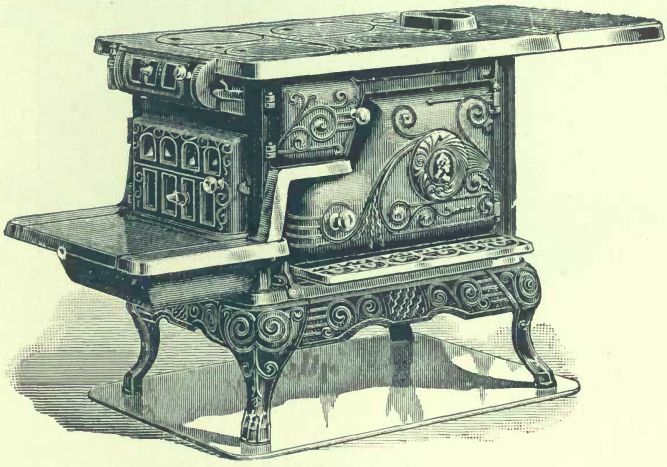
No. 9-22—With Reservoir, for Coal and Wood..... .....$44.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
No. 9-22.....	20	22	12	14½	23

Perfection Patented Oven Bottom, page 5.
Perfection Rounded Bottom Copper Tank, page 4.

Perfection E.



Square.

DESCRIPTION.

A strictly first-class Coal and Wood Cook, Nickel and Tile Ornamentation. Oven doors lined with Tin. Patented Oven Bottom, Very Highly Burnished Edges, Large End Shelf and Towel Bar. Leg Skirtings. Oven Door Pedal Opener. Fire Brick or Heavy Cast Iron Fire Box Linings as preferred. Square or Oval Fire Box.

PRICES.

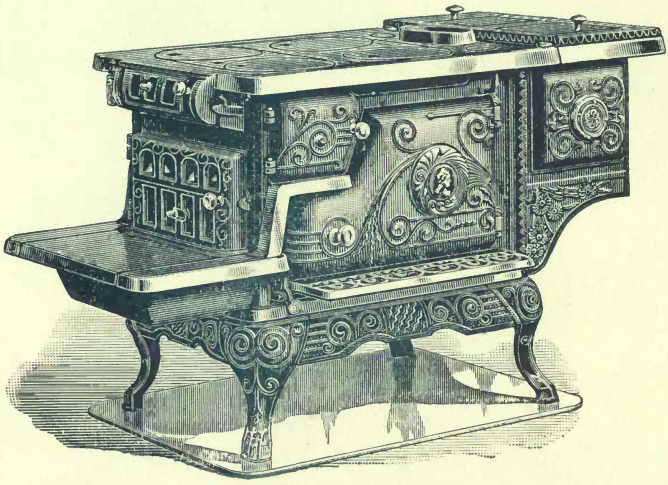
8-20—Square, for both Coal and Wood	$31.00
9-20— " " " "	31.00
9-22— " " " "	36.50

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
No. 8-20	18	20	11	13	22
No. 9-20	18	20	11	13	22
No. 9-22	20	22	12	14½	23

Perfection Patented Oven Bottom, see page 51

Perfection E.



With Reservoir.

DESCRIPTION.

A strictly first class Coal and Wood Cook, Nickel and Tile Ornamentation. Oven Doors Lined with Tin. Patented Oven Bottom, Very Highly Polished Edges, Leg Skirtings, Oven Door Pedal Opener, Fire Brick or Heavy Cast Iron Fire Box Linings, as preferred. Square or Oval Fire Box.

PRICES.

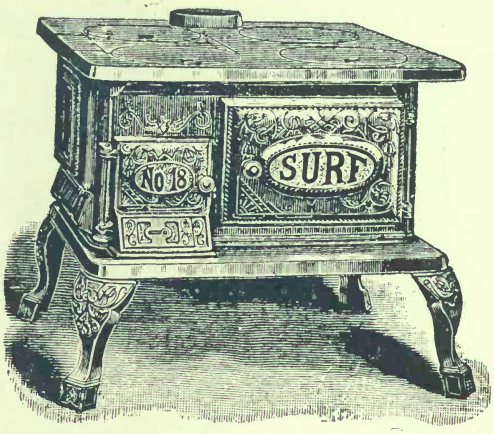
No. 9-22—With Reservoir for both Coal and Wood..... ....$46.50

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
No. 9-22.....	20	22	12	14½	23

Perfection Rounded Bottom Copper Tank, page 4.
Perfection Patented Oven Bottom, page 5.

Surf.



Small Four Hole Range.

One Size, 8-12.

DESCRIPTION.

A very low priced Range. Four Cooking Holes, Extra Quality Fire Brick Linings, Nickel Ornamentation, Oven Doors not Lined with Tin, but Whitened instead. Thoroughly well Fitted and suitable for small families.

PRICE.

8-12 ..... $18.00

DIMENSIONS IN INCHES.

	Size of Oven.			
	Length.	Width.	Height.	Length Fire Box for Wood.
No. 8-12	12½	12	8	12

Early Bird.

Square Cook, for Hard or Soft Coal and Wood.

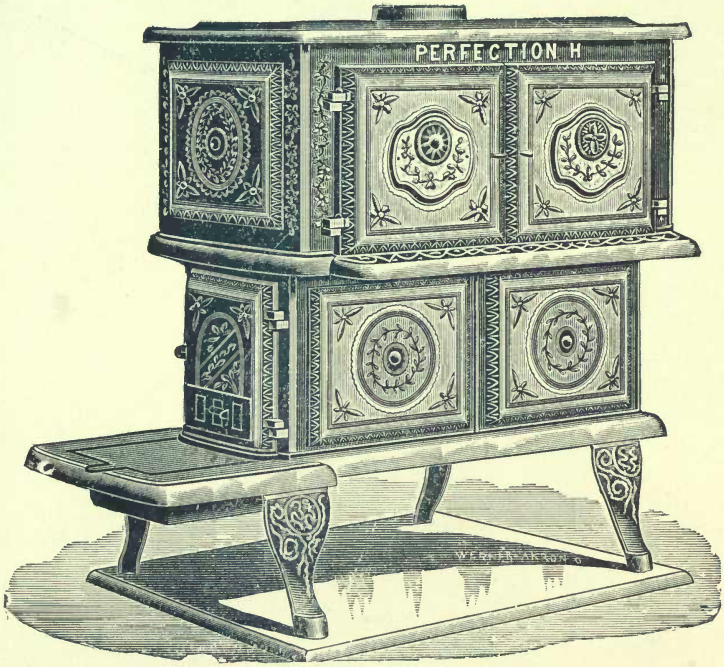
Small Coal Cook. Perfectly Plain. New Design. Very Low Priced.

One Size Only.

No. 8-18—Four 8 in. holes, Oven 16 x 18 in., Fire Box for Wood 16 in.....$20.00

Not made with Reservoir.

Perfection H.



Double Stove, for Wood.

	Size of Fire Box.			Size of Oven.		
	Length.	Width.	Height.	Length.	Depth.	Height.
No. 30	26	13	14	28	17	13
No. 36	32	13	14	34	17	13

PRICES.

No. 30—With Single Doors	$20.00
No. 30—With Double Doors	21.00
No. 36—With Single Doors	23.00
No. 36—With Double Doors	24.00

Palace Aladdin

Art Base Burner, for Hard Coal.

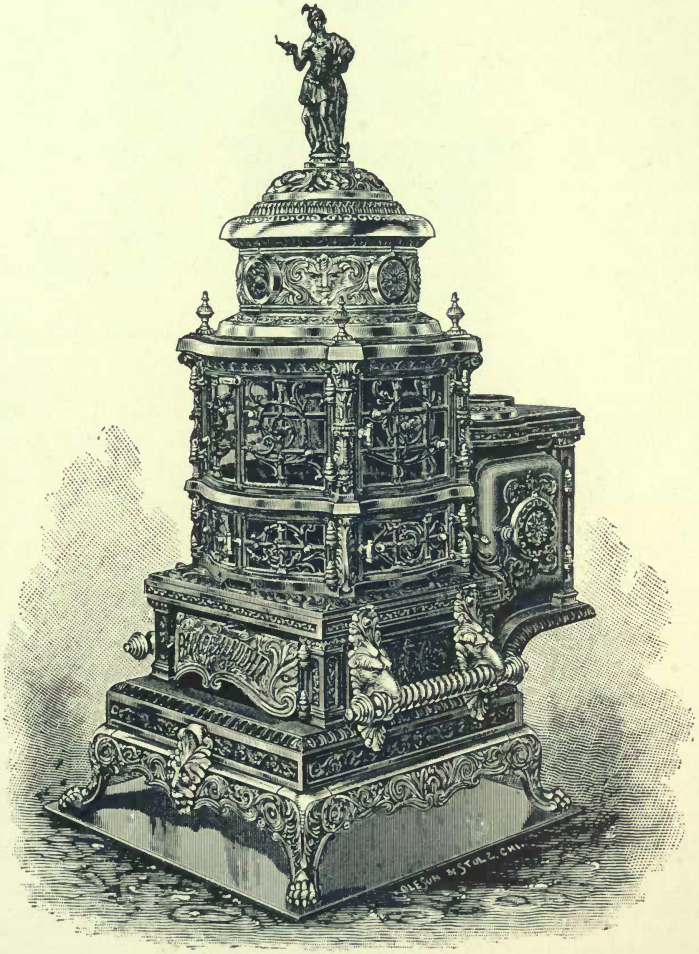
Will be supplied with an Attractive Top Ornament, Nickel Plated Edges, fine clear first quality Mica. Revolving Fire Pot, Double Heating Attachment.

THE PALACE ALADDIN

Will continue to stand as the model for excellent workmanship, artistic finish and effectiveness in working qualities.

No. 5—With Foot Rails and Double Heating Attachment.. ....$51.00
No. 6— " " " " " 55.00

Palace Aladdin

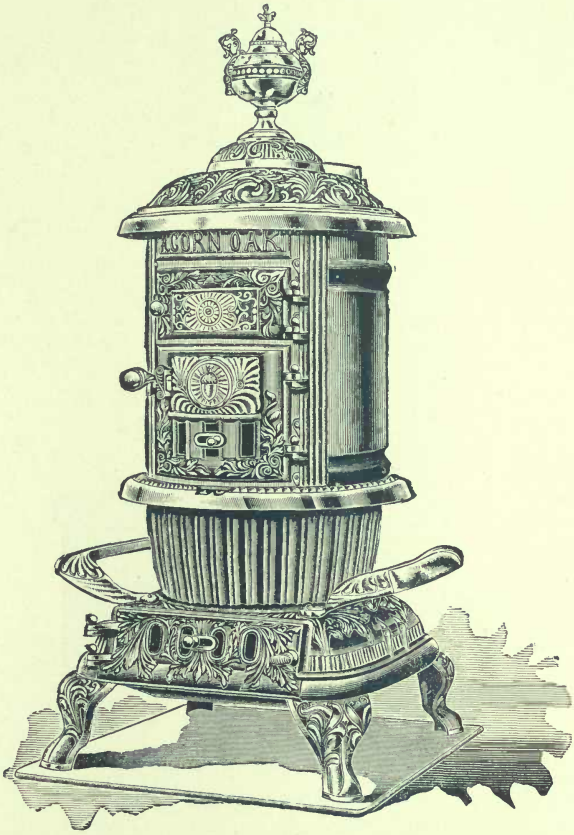


With Oven.

Is roomy, and very effective in baking and roasting. The Pot Holes are nearer the fire than in any other stove of its class, and have ample space to accommodate 8 inch ware.

No. 6—With Oven, Foot Rails and Double Heating Attachment.....$59.00

The Acorn Oak.



This stove will keep fire over night with Soft Coal or Wood. The castings are smooth and accurately fitted. Nickel Plated Knobs and Spun Brass Urn always supplied.

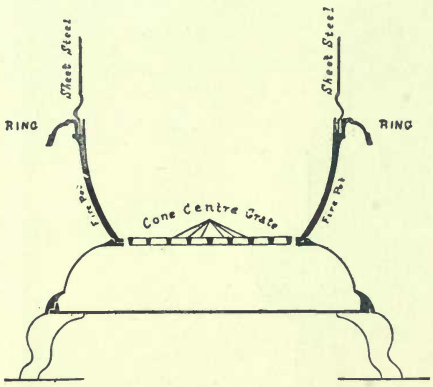
DESCRIPTION.	No.	Size of Fire Pot.	Plain.	Nickel Plated.
For Wood only	162	16 in.	$26.70	$29.40
" " "	182	18 in.	30.20	33.30
For Soft Coal only	262	16 in.	26.70	29.40
" " " "	282	18 in.	30.20	33.30
For Soft Coal and Wood	362	16 in.	28.00	30.80
" " " "	382	18 in.	31 60	34.70
For Hard Coal only	462	16 in.	28.90	31.50
" " " "	482	18 in.	32.40	35.30
For Hard Coal and Wood	562	16 in.	30.20	32.80
" " " "	582	18 in.	33 80	36.70

Plain Foot Rails are sent with Plain Stoves.
Nickel Plated Rails are sent with Nickel Plated Stoves.

Why is the Acorn Oak Air Tight?

Because it was constructed with that sole object in view, and an Oak Stove must be air tight or it will not keep fire over night.

HOW IS IT DONE?



The Acorn Oak is made so that the heavy rolled sheet Steel Body is driven by great pressure over a flange, *outside the Fire Pot.* The Sheet Steel is stretched on to the Fire Pot, making an absolutely Air Tight joint above the Fire Pot. This has always been one weak spot in all Oak stoves, where air is let in and the combustion cannot be stopped. Another weak spot has been the ash pit bottom. The Acorn Oak is made so that the upper and lower bottoms unite in a morticed joint, ground and fitted so that they are as free from cracks or openings as if cast in one piece. Another weak spot has been the ash pit door and frame. The Acorn Oak has a square base with straight smooth front, the ash pit door is flat and can be ground true and level, it meets a smooth flat front plate and closes as sharp and clean as a safe door. When closed no air can enter at the joints. The damper slide is fitted like a piece of machinery, it closes the draft opening TIGHT and when closed the fire keeps alight but does not consume itself to ashes as in other stoves.

The Acorn Oak has the Following Desirable Features:

1—**The Base** is nearly square, and high enough and deep enough to take a full size ash pan: it has sunk pit to prevent ashes from falling out and to save breakage in handling.

2—**The Fire Pot** is of double thickness; it does not require extra linings for coal, although we can furnish them when ordered.

3—**The Sheet Steel** is No. 14 guage of polished surface. The steel body is driven down by great pressure over the wide flange of fire pot, and therefore, as the sheet steel is outside of the fire pot, and as cast iron expands more than sheet iron, the joint between the fire pot and sheet steel grows tighter the longer the stove is in use.

4—**The Coal Grate** has corrugated conical centre, to more effectually disturb the fire and get rid of clinkers. The wood grate has draw-centre and outside register slide so that it can be closed solid to keep fire all night.

5—**Large Double Feed Doors.** The upper door has knob and curtain, the lower smoke door has heavy latch and strap over it, and can be closed solid to keep fire all night.

6—**The Foot Rails** are arranged to be easily attached, are of new shape and design so placed that the feet can be warmed with safety to shoes and comfort to the wearer.

7—**The Feet** fit in dove tails or sockets on the bottom plate, and do not require bolts to hold them in place.

8—**The Shaker Door is on the Side**; it is closed with a turn buckle which draws it tight to the stove, and no possible leakage of air can take place.

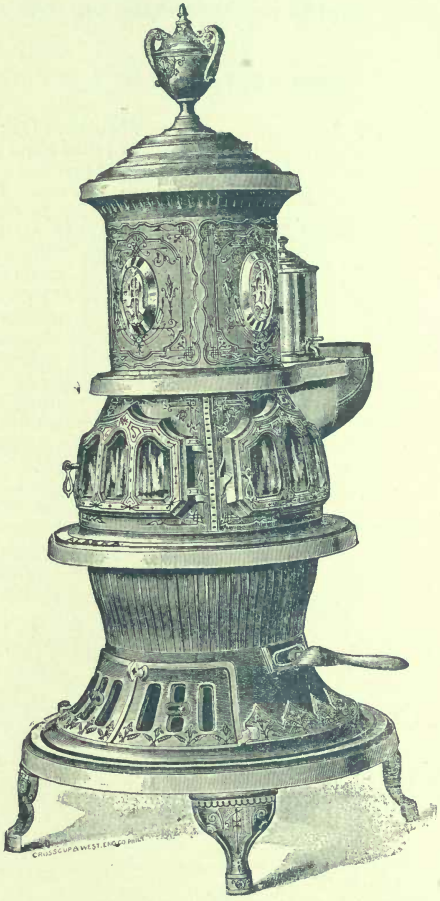
9—**All of the Doors** are in front; all are fitted like a watch case, and are hung on heavy hinges and cannot get out of shape.

10—**The Upper and Lower Base Plates** are fitted with a mortised joint, as positively air-tight as it can be made.

11—**The Ash Pit Front and Ash Pit Door** are square and straight, the door closing on a flat surface is most easily fitted and as carefully done as if it was a safe door. The large turn buckle draws up this door close to the frame.

12—**The Outline and Proportions** of this stove are greatly improved over all others. We have done away with the sinking of the ash pit front between the legs which always gave a squatty appearance to an Oak Stove. At the same time we keep the fire pot near to the ground, so as to throw the heat to the floor.

Alaska.



For Hard Coal.

Direct Draft Surface Burner, Self-Feeding. Five Sizes. Polished Edges and Nickel Plated Knobs.

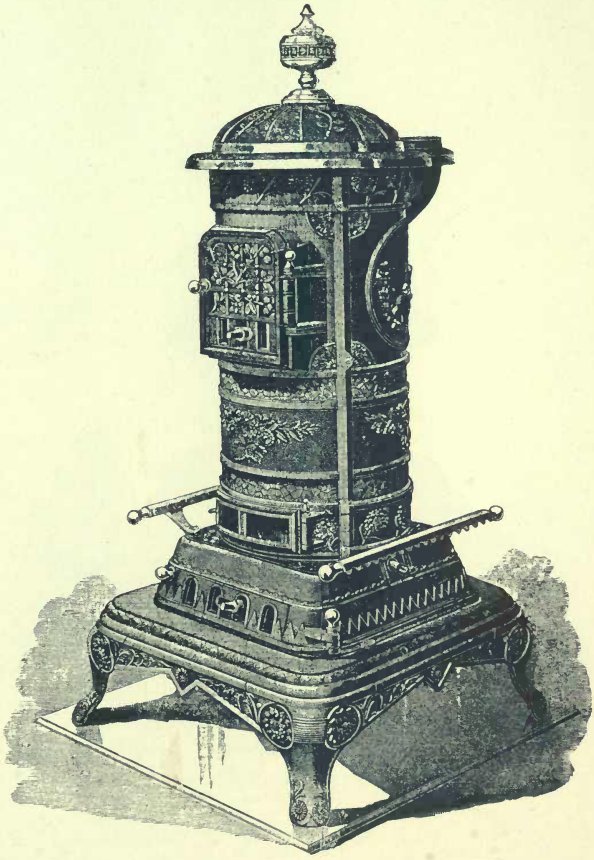
The favorite heater for Stores, Shops, Warehouses, Public Halls, School Rooms, Churches, etc., and is also much used in halls of private houses.

Nos. 14 and 20 without Tea Kettle Attachment, less $1.00 List.

Fire Pot in No. 21 extra long.

	Diameter of Fire Pot.	Height of Stove.	Price.
No. 14	14 inches	60 inches	$28.00
No. 16	16 "	64 "	33.00
No. 18	18 "	68 "	37.00
No. 20	20 "	72 "	39.00
No. 21	18 "	72 "	39.00

Gem Perfection



Direct Draft Surface Burner, for Hard or Soft Coal.

One Size, No. 50—Price, with Plain Foot Rails, $16. Extra Finish, $18.00.

The Feed Door is large and Mica is protected by Ornamental Net Work.

The Check Draft Opening is placed in lower part of door where it will be more effective as a check draft, and aid combustion.

The Clinker Door is large.

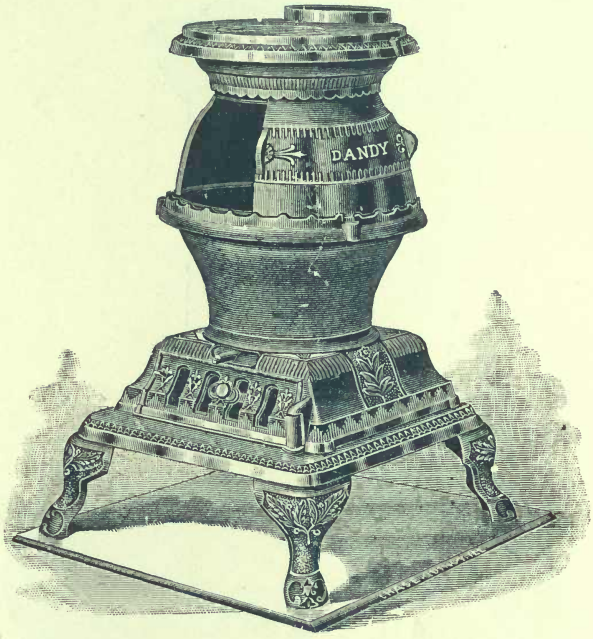
The Grate Dumps and Shakes and can be easily removed.

The Fire Box Linings are very heavy and can be easily taken out for repairs.

The Base is large and deep and accurately fitted.

There are no openings into the stove around top of base and stove can therefore be better controlled than with stoves where such openings are placed. The ornamentation and contour are particularly attractive.

Dandy Perfection.

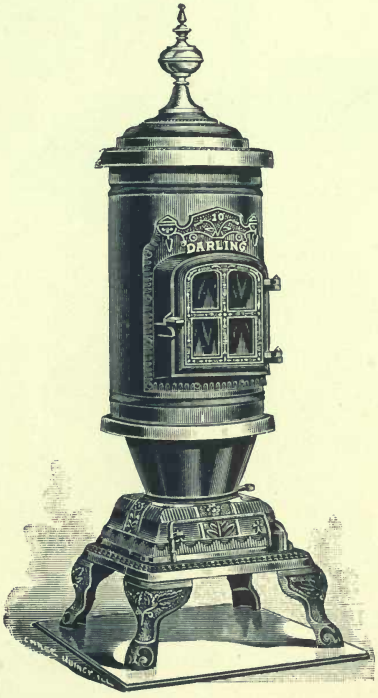


New Globe Heater. For Soft or Hard Coal.

Lower Fire Pots are much heavier than is usual in this class of stove.

No	9	10	12	14	15
Diameter of Fire Pot	9 in.	10 in.	11 in.	12 in.	14 in.
Height of Stove	22	23	24½	26½	29
Price	$4 50	$5 50	$7.00	$8.00	$10.00

Dandy Oak.

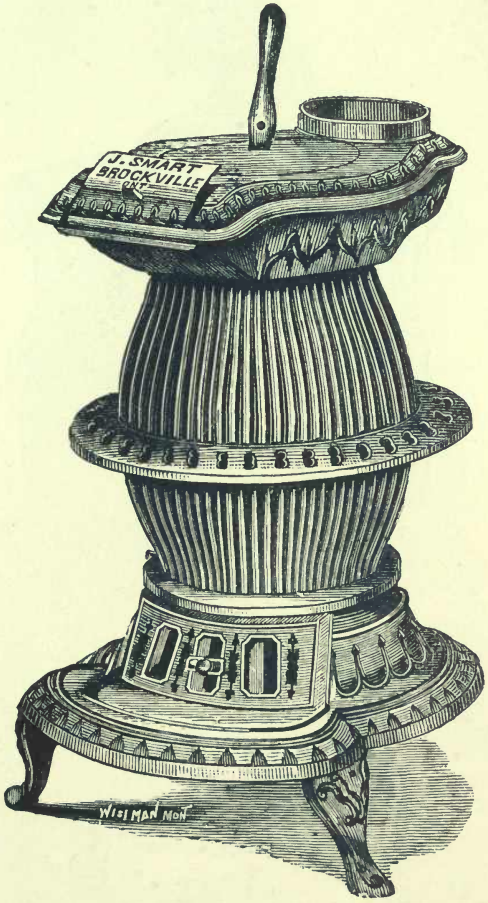


Heater for Hard or Soft Coal.

With Spun Brass Nickel Urn. Cast Iron Pot. Sheet Iron Body.

No. 100—Diameter at Door, 10 inches..... .....$10.00
No. 120— " " 12 " 13.00

Belle.

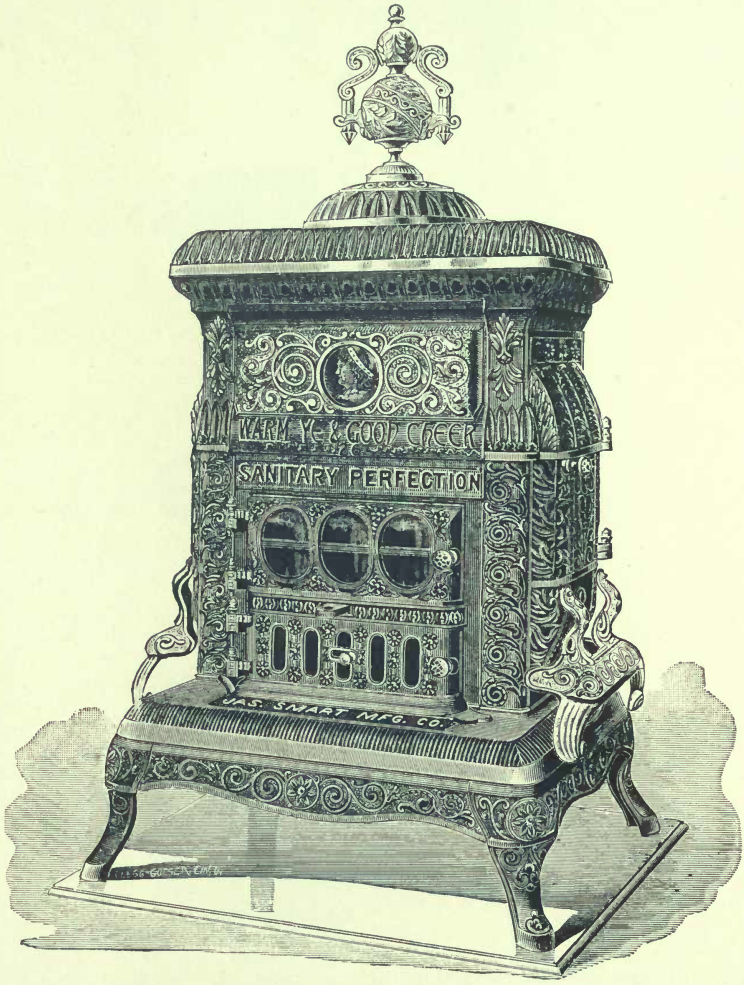


Globe Heater. For Hard or Soft Coal. Direct Draft.

Flues in Top Section.

No.	10	11	12	13
Diameter of Fire Pot	9 inches	10 inches	11 inches	12 inches
Height of Stove	25 "	26 "	27 "	28 "
Price	$6.00	$7.00	$8.00	$9.00

Sanitary Perfection



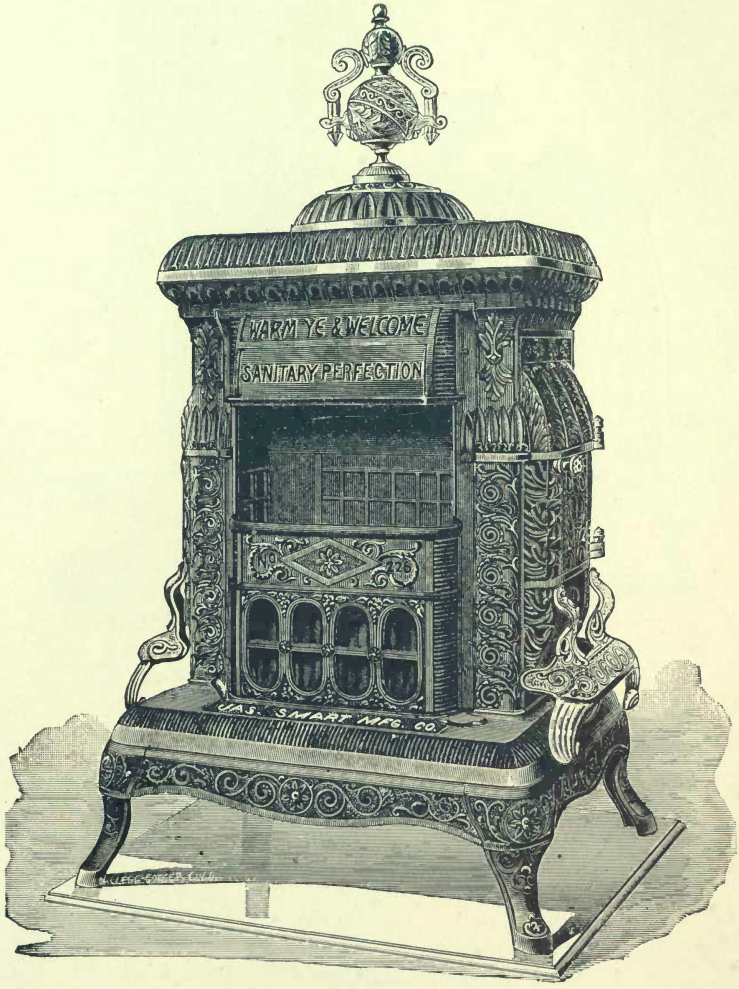
Heating Stove for Wood.

WITH LARGE SWING TOP AND TWO BOILER HOLES

With and Without Syphon Flue.

No.	22	26
Height from floor, not including Top Ornament	37 inches	42 inches
Length of Fire Box	22 "	26 "
Price without "Syphon Flue"	$22.00	$24.00
Price with "Syphon Flue"	24.00	26.00

Sanitary Perfection

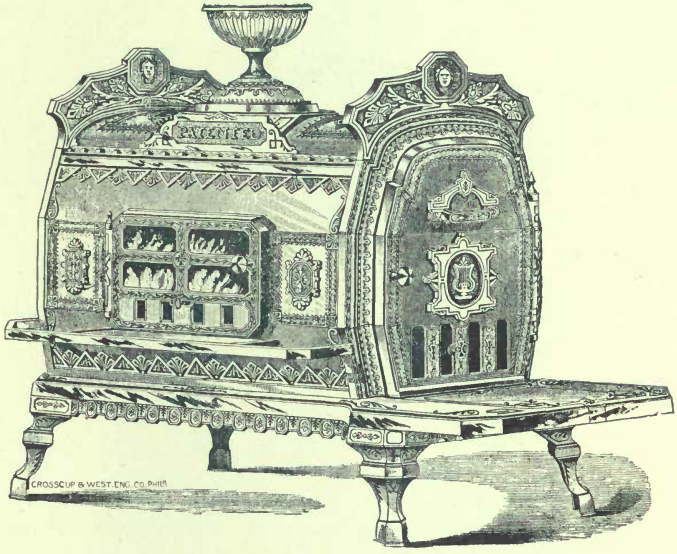


Franklin Style.

WITH TWO BLOWERS.

No.	22	26
Height from floor, not including Top Ornament	37 inches	42 inches
Length of Fire Box for Coal	16 "	19 "
Average Width of Fire Box for Coal	10 "	11 "
Price	$23.50	$25.00

Ruby.

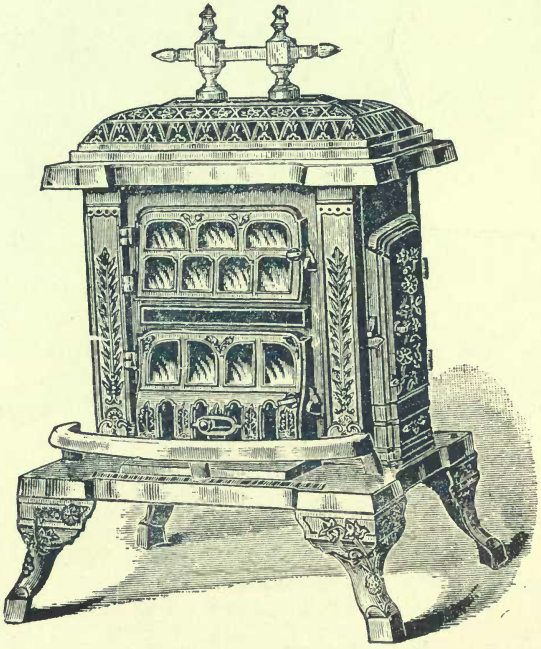


Todd Parlor Stove. For Wood Only.

Polished Edges, Nickel Ornamentation, Nickel Side Rail, Handsome Urn.

	Length of Fire Box.	Price.
No. 23	23 inches	$19.00
No. 27	27 inches	20.00

Rosebud.



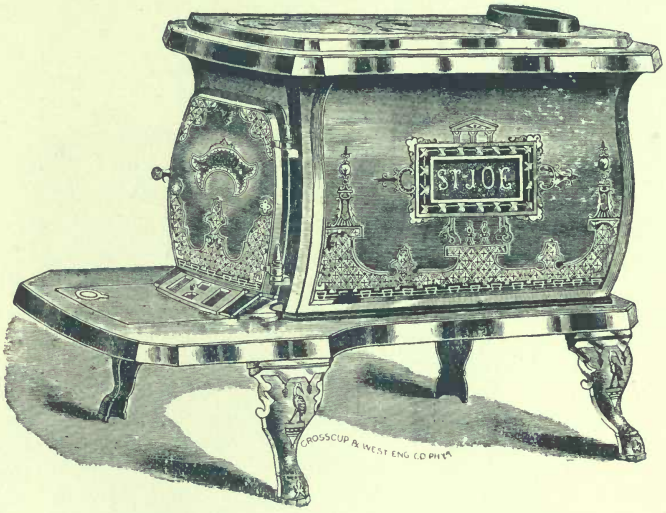
For Wood Only, and Wood and Coal.

An attractive Stove, Large Feed Door, Two Boiler Holes, Nickel Plated Swing Cover Ornament, Foot Rail and Name Plate.

One Size.

No. 17 for 17 in. wood	$10.00
Extra for Coal Linings	1.50

St. Joe.



A Substantial Box Stove.

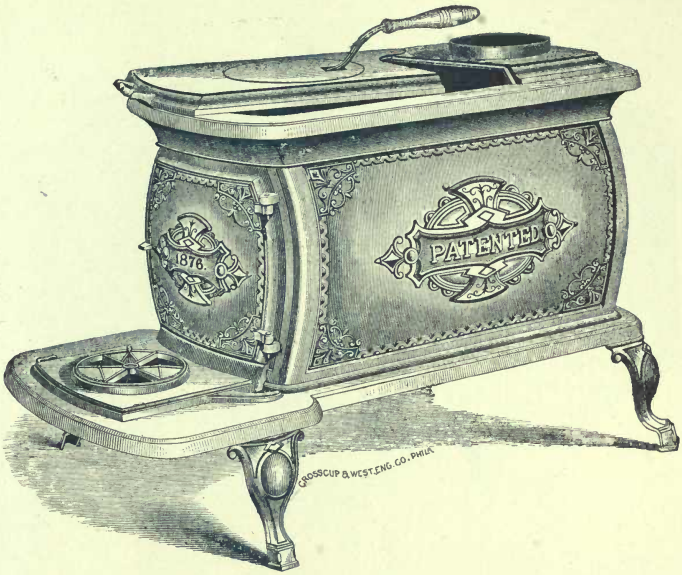
Very Popular. Prices Low. Sides in Two Pieces.

Nos. 25 and 31 are supplied with SWING TOP when so ordered.

PRICES.

	Without Swing Top.	With Swing Top.
No. 22—For 22 inch wood	$7.50	
No. 25— " 25 " "	9.00	$9.50
No. 31— " 31 " "	11.20	11.70
No. 36— " 36 " "	17.00	

Canada.

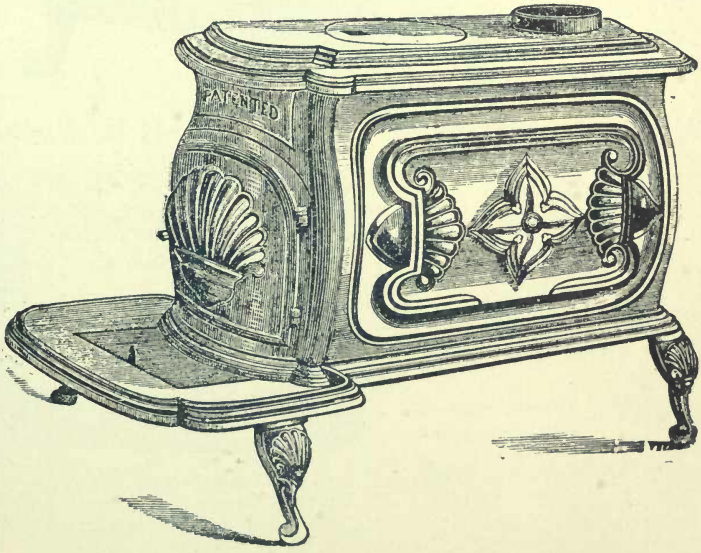


Heavy Box Stove with Sliding Top. Sides in two pieces.

The number indicates length of Fire Box.

Price..... No. 25, $10.50 No. 31, $16.00

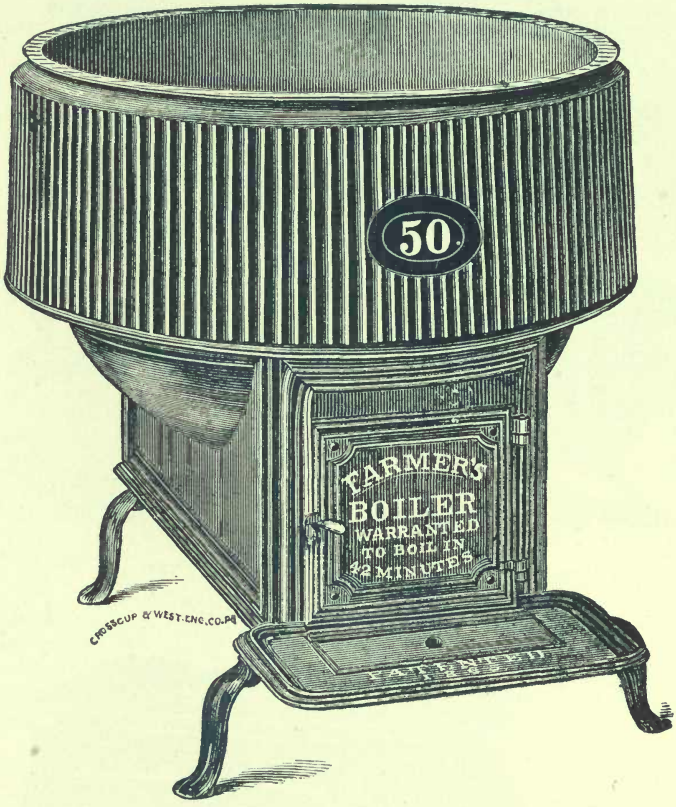
Pert.



Medium Weight Box Stove.

Price..... 16 in. $5.00 18 in. $7.00

Farmers' Boilers.



AGRICULTURAL FURNACES.

Warranted to Boil Water in Forty Minutes.

	Size of Fire Box.	Capacity.
No. 30	12 x 9 x 24	22 gallons
No. 40	13 x 10 x 27	30 "
No. 50	14 x 11 x 30	45 "

PRICES.

No. 30—Complete, without covers	$22.50
No. 40— "	28.00
No. 50— "	33.50
No. 30—Covers extra	3.25
No. 40— " "	3.50
No. 50— " "	4.00

Always shipped without Covers unless otherwise ordered.
Cauldrons only, see page 104.

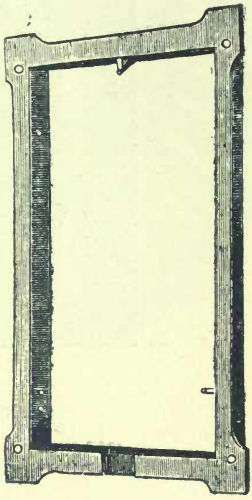
REGISTERS.

REGISTER.

Convex Side Wall Registers.

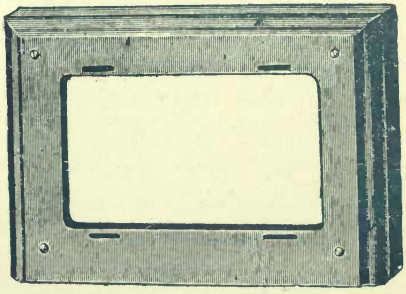
Size of Opening	Price of Register with Frame.	Price of Face Only.
6x10	$3.00	$1.25
8x12	4.00	1 75
9x14	5.00	2.25
10x16	6.25	3 15

Japanned or Nickel Plated.



WALL FRAMES.

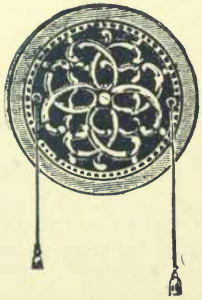
Cast Iron Box Frames.



For Convex Registers.

For Register,	6x10	8x12	9x14	10x16
Price,	$1.05	$1.20	$1.50	$2.00

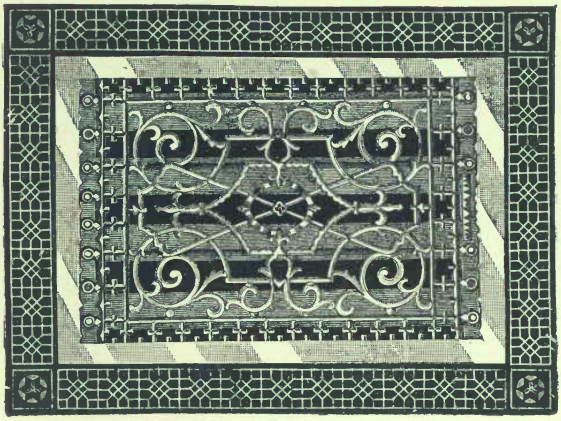
Round Wall Ventilators



Japanned or Nickel Plated. Less Cords.

6-in.	7-in.	8-in	9-in.
$1.30	$1.50	$1.80	$2.00

SQUARE FLOOR REGISTERS.



PRICE LIST, SQUARE FLOOR REGISTERS.

Nickel Plated or Japanned.

REGISTERS, WITH BORDERS.

6x8	6x10	8x10	8x12	9x12	9x14	10x12	10x14	12x15	12x19	14x22	Inches
$3.05	$3.50	$3 90	$4.30	$4 85	$5.25	$5.40	$6.15	$8 40	$10.30	$13.70	Each.

REGISTERS ONLY, WITHOUT BORDERS.

6x8	6x10	8x10	8x12	9x12	9x14	10x12	10x14	12x15	12x19	14x22	Inches
$1.90	$2.25	$2.50	$2.80	$3.30	$3.60	$3.60	$4.25	$6.00	$7.50	$10 00	Each.

BORDERS ONLY.

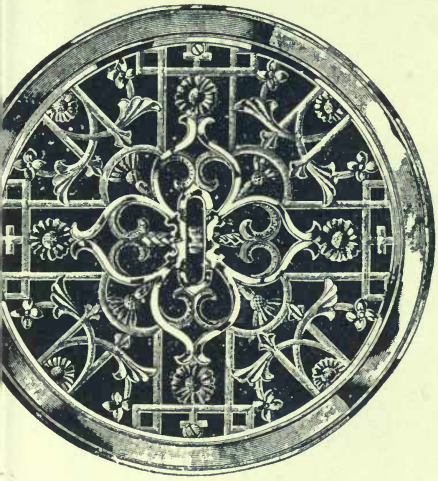
6x8	6x10	8x10	8x12	9x12	9x14	10x12	10x14	12x15	12x19	14x22	Inches
$1.15	$1.25	$1.40	$1.50	$1.55	$1.65	$1.80	$1.90	$2 40	$2.80	$3.70	Each.

FACE PLATES ONLY.

6x8	6x10	8x10	8x12	9x12	9x14	10x12	10x14	12x15	12x19	14x22	Inches
$0.65	$0.75	$0.85	$1.00	$1.25	$1.50	$1.50	$1.85	$2.40	$3.20	$3.90	Each.

NOTICE.—If Borders are desired with Registers, please state so, as no Borders are shipped unless specified in order.

Round Floor Registers and Smoke Pipe Registers.



PRICE LIST, ROUND FLOOR REGISTERS.

Nickel Plated or Japanned.

REGISTERS, WITH BORDER.

7	8	9	10	12	14	24	Inch
$2.60	$3.05	$3.55	$4.15	$5.40	$7.65	$22.00	each.

REGISTERS ONLY, WITHOUT BORDERS.

7	8	9	10	12	14	24	Inch
$1.50	$1.85	$2.25	$2.75	$3.60	$5.40	$15.50	each.

BORDERS ONLY.

7	8	9	10	12	14	24	30	Inch
$1.10	$1 20	$1.30	$1.40	$1.80	$2.25	$6.50	$12.15	each.

FACE PLATES ONLY.

7	8	9	10	12	14	24	30	Inch
$0.60	$0 65	$0.85	$1.00	$1.50	$2.00	$6.45	$13.40	each.

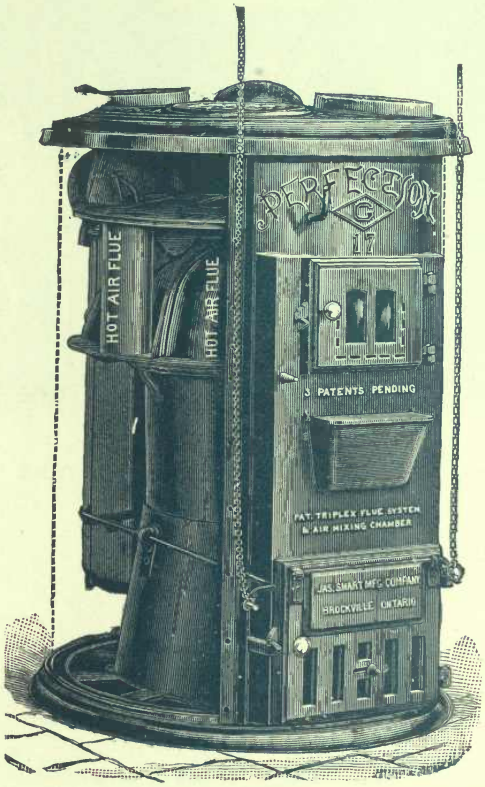
NOTICE.—If Borders are desired with Registers, please state so, as no Borders are shipped unless specified in orders.

PRICE LIST, SMOKE PIPE REGISTERS.

Nickel Plated or Japanned.

Three Sizes—For 7, 8 or 9 inch Pipe.....$3.00 each

Perfection Furnace.



For Coal or Wood.

Showing Cast Iron Top.

Three sizes	No. 17	No. 20	No. 25
Height with Casings	60 in.	62 in.	70 in.
Diameter of Casings	35 in.	35 in.	45 in.
Diameter of Fire Pot	18 in.	21 in.	25 in.
Depth of Fire Pot	15 in.	17 in.	18 in.
	Cubic feet.	Cubic feet.	Cubic feet.
Heating Capacity	10,000 to 15,000	15,000 to 20,000	20,000 to 40,000

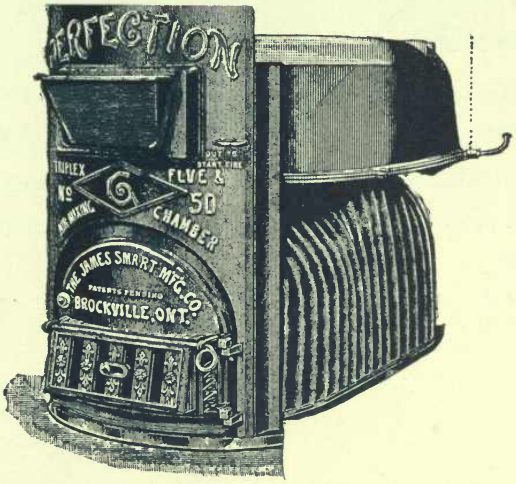
Made also for Brick Setting and for Galvanized Top.

PRICES.

No. 17—	Perfection Furnace,	Coal or Wood,	portable				$ 70.00
No. 20—	"	"	"	"	"		90.00
No. 25—	"	"	"	"	"		120.00
No. 25—	"	"	"	"	Brick Set		120.00

Please write for Special Testimonial Circular.

Perfection Furnace.



Wood Only.

BRICK SET FORM. WITH COVERING BARS.

	No. 45	No. 50
Two Sizes		
Height of Castings	36 in.	36 in.
Length of Fire Pot	3 ft. 6 in.	4 ft. 4 in.
Size of Feed Door Opening { Height	17 in.	17 in.
Size of Feed Door Opening { Width	17 in.	17 in.
Heating Capacity	Cubic Feet. 15,000 to 25,000	Cubic Feet. 25,000 to 50,000

PRICES.

No. 45—Perfection Furnace, for Wood only, Brick Set.....$ 90.00
No. 50— " " " " " " 110.00

Please write for Special Testimonial Circular.

"Favorite" Stoves and Ranges.

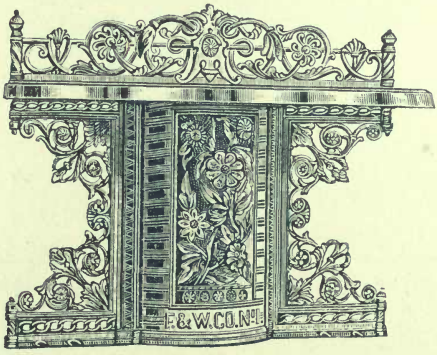
We have selected for manufacture the following Stoves and Ranges from those formerly made by The Chown & Cunningham Co, Ltd. This selection comprises the very best of the Favorite line.

Any desirable changes in patterns have been made and the goods are placed upon the market fully guaranteed in every particular.

In addition to the styles shown, we have the patterns for the Chown & Cunningham Co.'s entire line, and can furnish repairs for same.

HIGH PIPE SHELF.

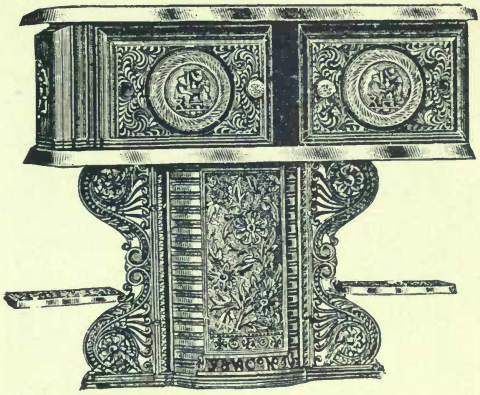
FOR STANDARD FAVORITE RANGES.



Shelf complete.... .... $6.co

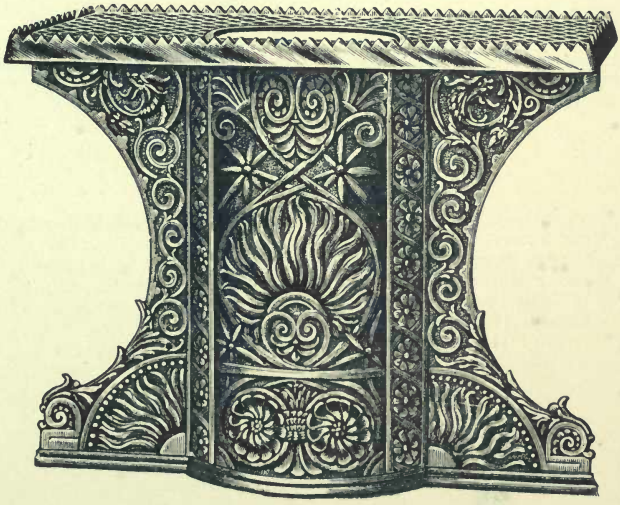
HIGH WARMING CLOSET.

FOR STANDARD FAVORITE RANGES.



Closet complete.....$12.00

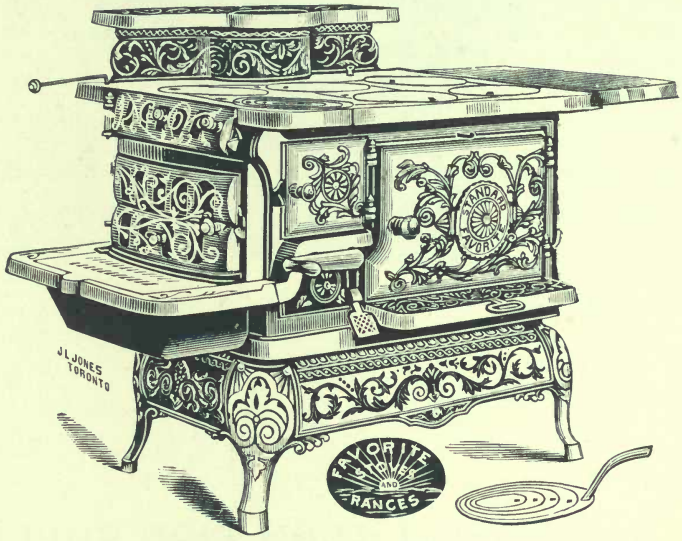
ORNAMENTAL HIGH PIPE SHELF.



Shelf complete.....$3.00

Above Shelf will fit any Range or Cook Stove, with Oval Collar.

Standard Favorite.



With Ventilated Oven.

This Range will be shipped with Genuine Duplex Grate and without Slide Shelf on Bottom of Oven, unless otherwise ordered. It can be supplied with "King Grate" when so desired.

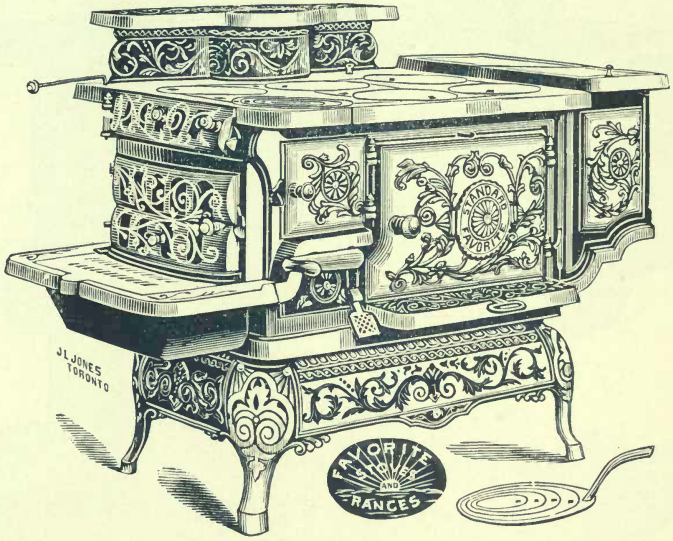
PRICES.

8-18—Square, with Base, Folding End Shelf and Tea Shelf, including Coal and Wood fixtures	$47.40
9-20—Square with Base, Folding End Shelf and Tea Shelf, including Coal and Wood Fixtures	54.00
Without Tea Shelf, deduct from List	2.40
Extras—High Shelf, both sizes, see page 70	6.00
High Closet " " " 71	12.00
Water Fronts, No. 8, with Iron Couplings	5.00
" " No. 9, " " "	6.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Depth.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
8-18	18	18	11	17	22
9-20	20	20	12	19	24

Standard Favorite.



With Ventilated Oven.

This Range will be shipped with Genuine Duplex Grate and without the Slide Shelf on Bottom of Oven, unless otherwise ordered. It can be supplied with "King Grate" when so desired.

PRICES.

8-18—With Reservoir, Base and Tea Shelf, including Coal and Wood Fixtures	$56.00
9-20— " " " " " " " " " "	64.50
Without Tea Shelf, deduct from List	2.40
Extras—High Shelf, both sizes, see page 70	6.00
High Closet, " " " " 71	12.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Depth.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
8-18	18	18	11	17	22
9-20	20	20	18	19	24

Perfection Rounded Bottom Copper Tank supplied. See page 4.

Standard Favorite.

With Ventilated Oven.

This Range will be shipped with Genuine Duplex Grate and without the Slide Shelf on bottom of Oven, unless otherwise ordered. It can be supplied with "King Grate" when so ordered.

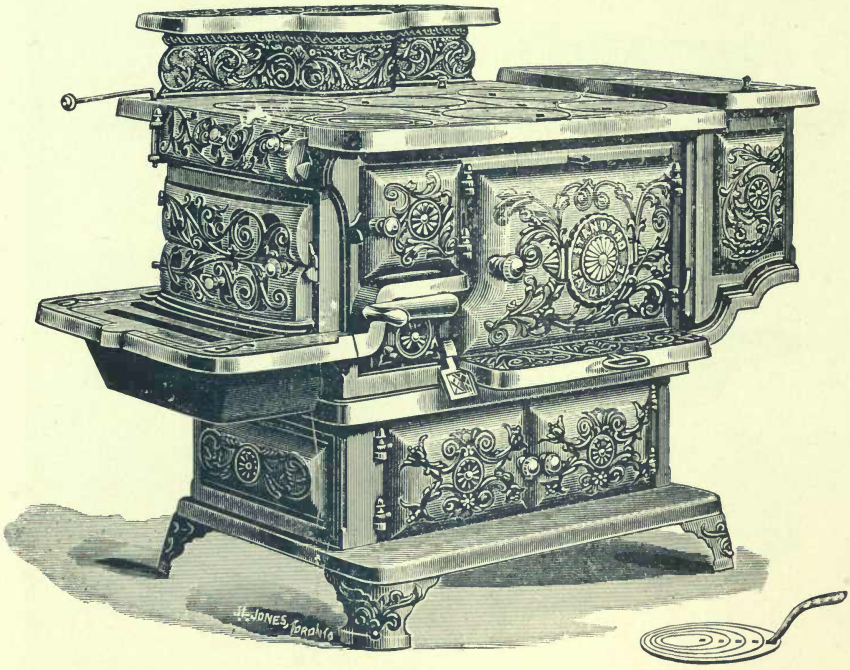
PRICES.

8-18—Square, with Low Closet, Folding End Shelf and Tea Shelf, including Coal and Wood Fixtures	$52 50
9-20—Square, with Low Closet, Folding End Shelf and Tea Shelf, including Coal and Wood Fixtures	60.00
Without Tea Shelf, deduct from List	2.40
Extras—High Shelf, both sizes, see page 70	6.00
High Closet " " " 71	12.00
Water Fronts, No. 8, with Iron Couplings	5.00
" " No. 9, " "	6.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length for Wood.	Low Closet.		
	Length.	Depth.	Height.			Length.	Depth.	Height Inside.
8-18	18	18	11	17	22	23	18	8
9-20	20	20	12	19	24	30	18	9

Standard Favorite.



With Ventilated Oven.

This Range will be shipped with Genuine Duplex Grate and without the Slide Shelf on bottom of Oven, unless otherwise ordered. It can be supplied with "King Grate" when so ordered.

PRICES.

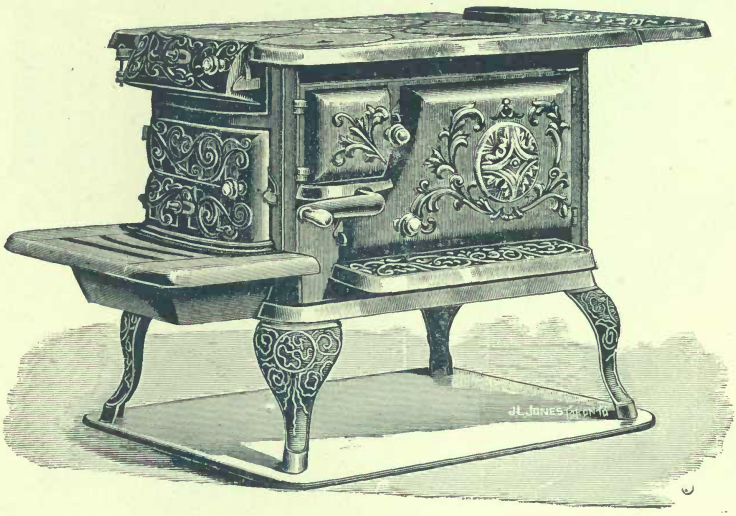
8-18—With Reservoir, Low Closet and Tea Shelf, including Coal and Wood Linings	$60.50
9-20— " " " " " " " " " "	70 50
Without Tea Shelf, deduct from List	2.40
Extras—High Shelf, both sizes, see page 70	6.00
High Closet " " " 71	12.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length for Wood.	Low Closet.		
	Length.	Depth.	Height.			Length.	Depth.	Height Inside.
8-18	18	18	11	17	22	23	16	8
9-20	20	20	12	19	24	30	18	9

Perfection Rounded Bottom Copper Tank supplied. See page 4.

Victor Favorite.



Square.

A first-class Coal and Wood Cook. Nickel Ornamentation. Oven Doors not Lined with Tin but Whitened instead. Plain Polished Edges. No Leg Skirtings.

THE FIRE BOX IS OVAL

with "King's" Vertical Action Grate or with Flat Anti-clinker Grate, as desired. The fire box linings are iron front and ends, with heavy clay backs.

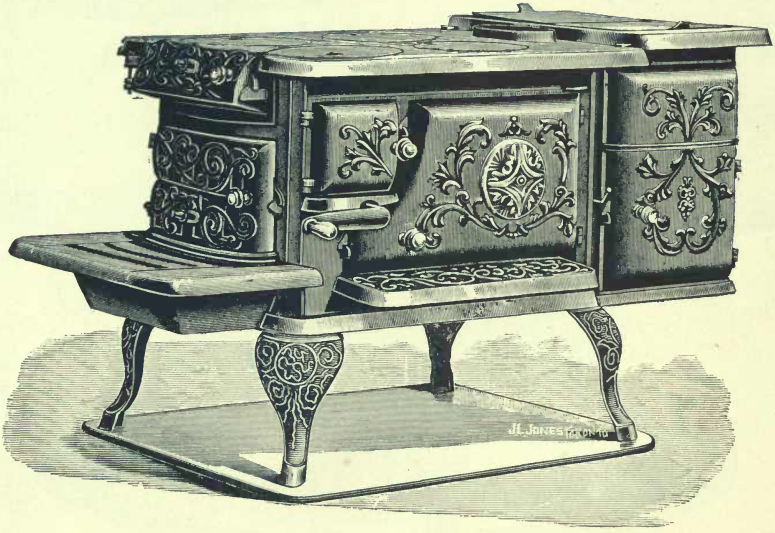
PRICES.

No. 8-18—Square, with End Shelf, "King" or Flat Grate, as desired, including Coal and Wood Linings. $30.00
No. 9-18—Square, with End Shelf, "King" or Flat Grate, as desired, including Coal and Wood Linings..... ..... 30.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length for Wood.
8-18 and 9-18.....	18	18	11	13	22

Victor Favorite.



With Reservoir and Closet.

DESCRIPTION.

A first-class Coal and Wood Cook. Nickel Ornamentation. Oven Doors not Lined with Tin, but Whitened instead. Plain Polished Edges. No Leg Skirtings.

THE FIRE BOX IS OVAL.

With "King's" Vertical Action Grate or with Flat Anti-clinker Grate, as desired. The fire box linings are iron front and ends, with heavy clay backs.

PRICES.

No. 8-18—With Reservoir and Closet, "King" or Flat Grate, as desired, including Coal and Wood fixtures..... $44.00

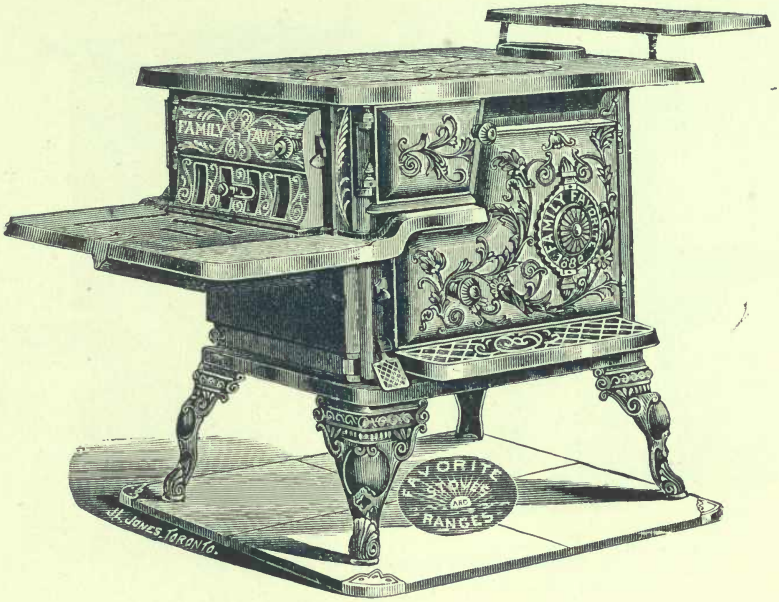
No. 9-18—With Reservoir and Closet, "King" or Flat Grate, as desired, including Coal and Wood fixtures..... 44.00

DIMENSIONS IN INCHES.

	Size of Oven.			Width of	Fire Box	Size of Closet.	
	Length.	Width.	Height.	Oven Rack.	Length for Wood.	Width.	Depth.
8-18 and 9-18..	18	18	11	13	22	12	18

Perfection Rounded Bottom Copper Tank supplied. See page 4.

Family Favorite.



WITH FOUR OR FIVE HOLES.

DESCRIPTION.

An attractive Wood Cooking Stove at medium price. Has Nickel and Tile Ornamentation, Oven Door Pedal Opener, and Extension Warming Shelf. Oven Doors not Lined with Tin but Whitened instead.

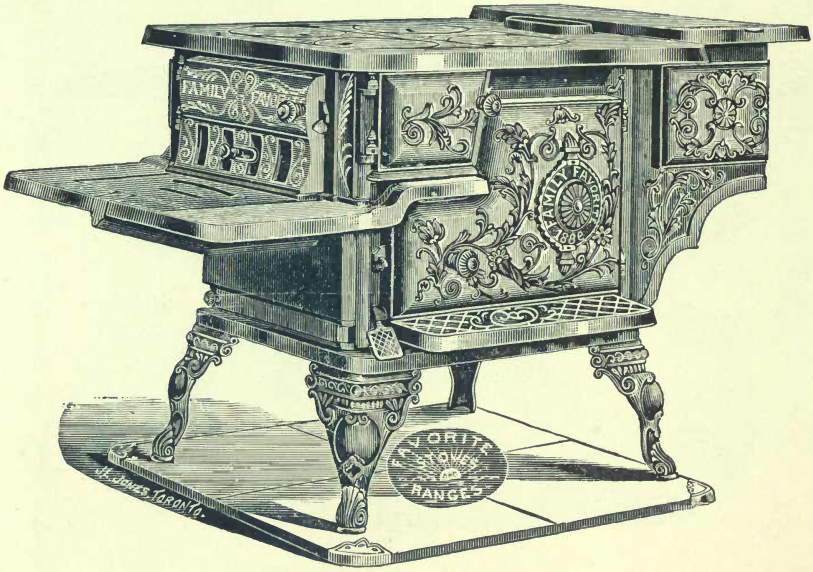
PRICES.

9-22—4 Holes.	Square with Extension Warming Shelf						$31.50
9-24—4 "	"	"	"	"	"		36.00
9-24—5 "	"	"	"	"	"		38.00

DIMENSIONS IN INCHES.

	Size of Oven.			Length of Fire Box.
	Length.	Width.	Height.	
9-22—4 Holes	22	20	13½	26
9-24—4 "	24	22	14½	28
9-24—5 "	24	22	14½	35

Family Favorite.



With Four or Five Holes.

DESCRIPTION.

An attractive Wood Cooking Stove at Medium Price. Has Nickel and Tile Ornamentation and Oven Door Pedal Opener. Oven Doors are not Lined with Tin but Whitened instead.

PRICES.

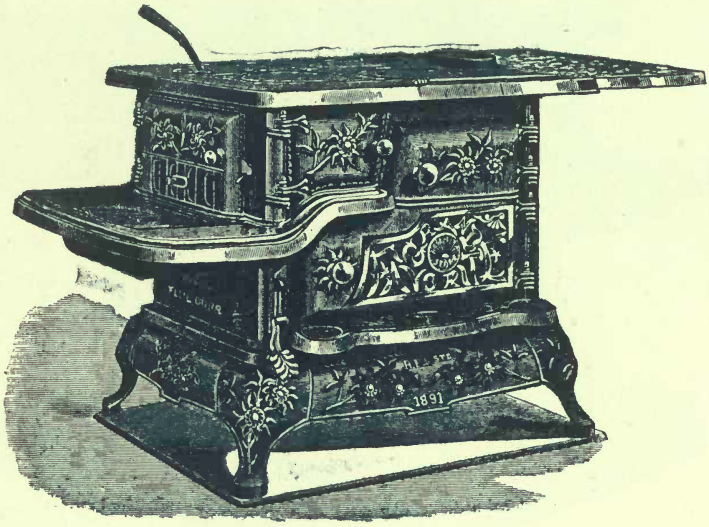
9-22—4 Holes, with Reservoir	$42.00
9-24—4 " " "	47.00
9-24—5 " " "	49.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Length of Fire Box.
9-22—4 Holes	22	20	13½	26
9-24—4 "	24	22	14½	28
9-24—5 "	24	22	14½	35

Perfection Rounded Bottom Copper Tank supplied. See page 4.

Grand Favorite.



One Size, No. 9-26.

DESCRIPTION.

A Large, Heavy, First-class Wood Cook. Oven Door in Two Pieces, with Handsome Nickel and Tile Ornamentation. Oven Doors not Lined with Tin but Whitened instead. Highly Polished Edges, Leg Skirtings, Oven Door Pedal Opener, and Heavy Fire Box Linings.

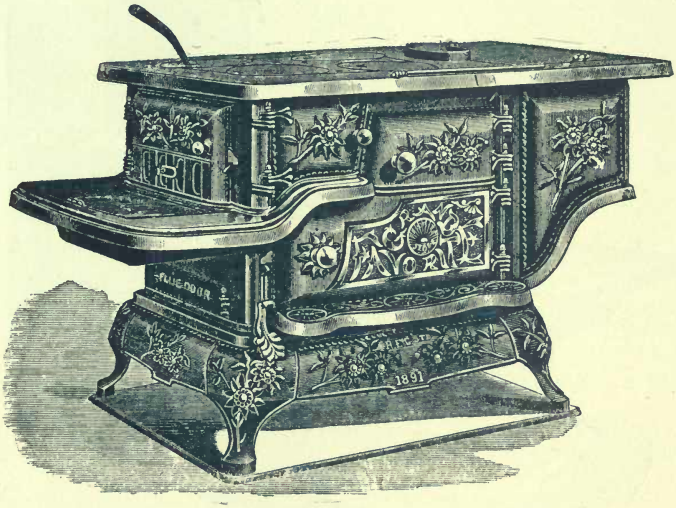
PRICE.

9-26—Square, with Extension Warming Shelf..... $42.00

DIMENSIONS IN INCHES.

	Size of Oven.			Length of Fire Box.
	Length.	Width.	Height.	
9-26....	25	22	15	30

Grand Favorite.



One Size, No. 9 26.

DESCRIPTION.

A Large, Heavy, First Class Wood Cook. Oven Door in Two Pieces. With Handsome Nickel and Tile Ornamentation. Oven Doors not Lined with Tin but Whitened instead. Highly Polished Edges, Leg Skirtings, Oven Door Pedal Opener, and Heavy Fire Box Linings.

PRICE.

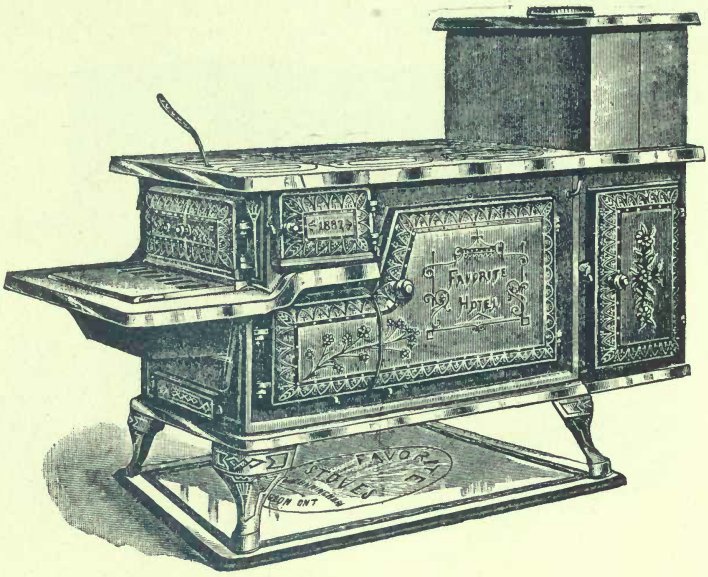
9-26—With Reservoir..... $52.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Length of Fire Box.
9-26....	25	22	15	30

Perfection Rounded Bottom Copper Tank supplied. See page 4.

Favorite Hotel Cook.



For Coal or Wood.

One Size, with Six No. 10 Cooking Holes.

A very Heavy Stove, with Large Fire Box and Oven. Specially adapted for Hotels, Boarding Houses, Lumber Camps, or any place where a large capacity for cooking and baking is required.

Always shipped for Wood only and with Planished Copper Tank and Cast Closet, unless otherwise ordered.

PRICES.

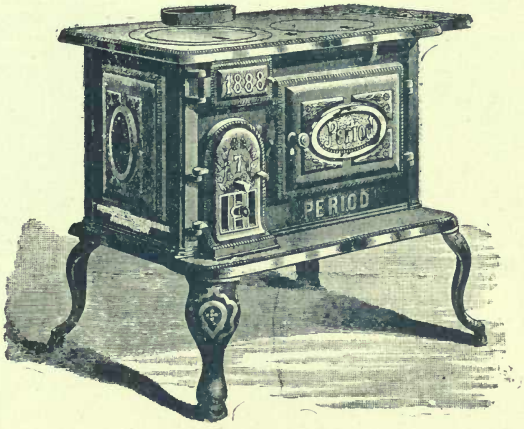
FOR WOOD ONLY.

No. 10—Square	$58.50
No. 10—With Cast Warming Closet and Covers for Copper Tank	70.00
No. 10—With Planished Copper Tank and Cast Warming Closet	84.00
Extras—Coal Linings	7.00
Brass Cock in Reservoir, when ordered	2.50

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Length of Fire Box. for Wood.	Closet. Height.	Depth.	Width.
No. 10	32½	22½	16	29	20	21	13

Period Range.



Small Two Hole Range.

One Size, No. 8.

DESCRIPTION.

A Low Priced Range. Two Cooking Holes, with top arranged so that a 10-inch Round Boiler or 8-inch Oval Boiler can be used. Nickel Ornamentation, Oven Doors not Lined with Tin but Whitened instead. Thoroughly well fitted.

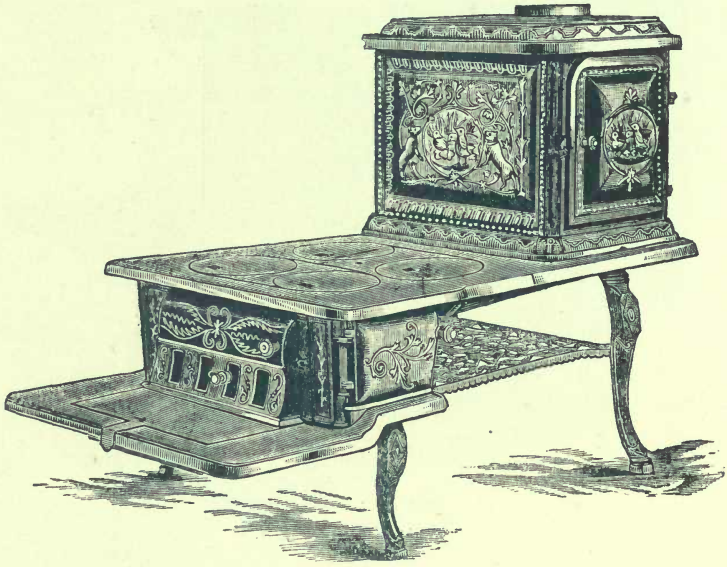
PRICE.

No. 8..... $16.00

DIMENSIONS IN INCHES.

	Size of Oven. Length.	Width.	Height.	Length of Fire Box for Wood.
No. 8.....	12¼	12¼	9	12

Prairie Favorite.



DESCRIPTION.

Elevated Oven with Four Cooking Holes, Polished Edges, Nickeled Knobs and Plate Warming Shelf.

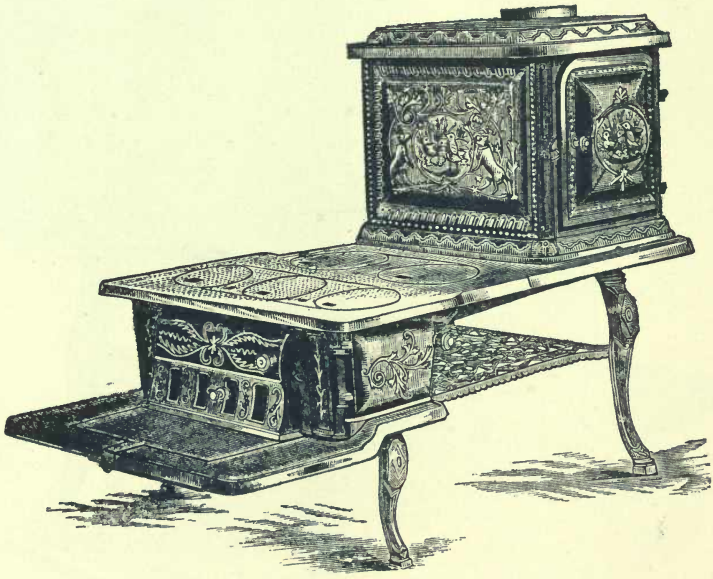
PRICE.

No. 9—4 Holes, with Plate Warming Shelf.....$34.50

DIMENSIONS IN INCHES.

	Size of Oven.			Width of	Fire Box
	Length.	Width.	Height.	Oven Rack.	Length.
No. 9.....	23	13½	14	11½	28

Prairie Favorite.



DESCRIPTION.

Elevated Oven, with Five Cooking Holes. Polished Edges, Nickeled Knobs and Plate Warming Shelf.

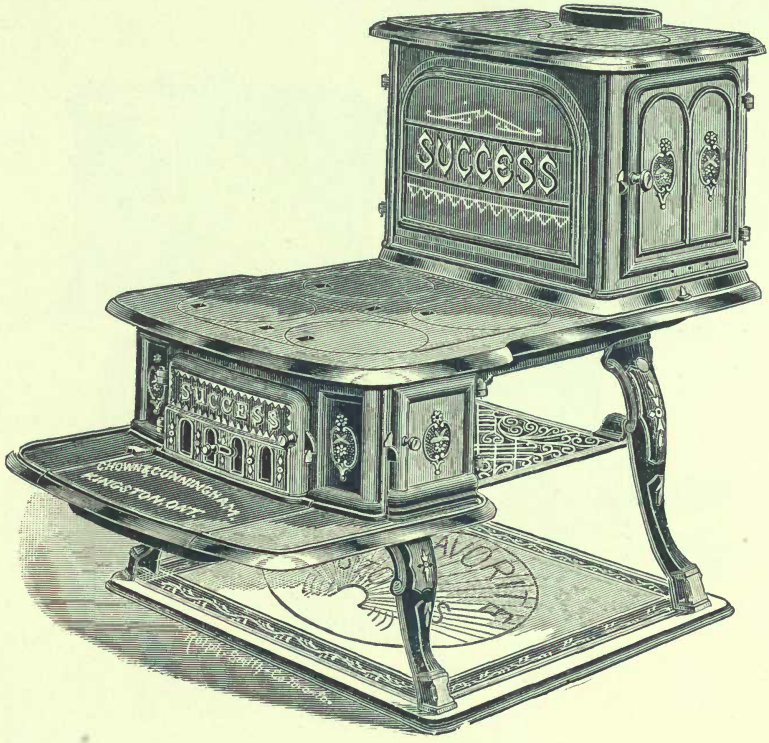
PRICE.

No. 9—5 Holes, with Plate Warming Shelf..... .....$37.25

DIMENSIONS IN INCHES.

	Size of Oven.				
	Length.	Width.	Height.	Width of Oven Rack.	Fire Box Length.
No. 9.....	23	13½	14	11½	35

Success.



DESCRIPTION.

Elevated Oven with Four Cooking Holes. Medium Weight. Plain Edges. Nickel Knobs, and Plate Warming Shelf.

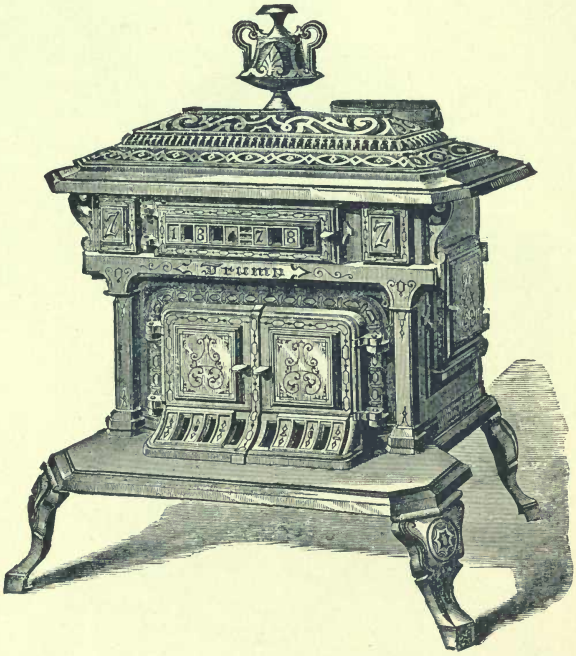
PRICE.

No. 9—4 Holes, with Plate Warming Shelf, pipe top..... .....$27.50
No. 9—4 " " " " " cut off..... 28.50

DIMENSIONS IN INCHES.

	Size of Oven.			Width of Oven Rack.	Fire Box Length.
	Length.	Width.	Height.		
No. 9.....	21½	12	12½	11½	25

Trump.



DESCRIPTION.

A complete Small Stove for Coal or Wood. Suitable for camping parties or summer use in kitchen. It has anti-clinker dumping grate. Two Kettle Holes and Short Centre.

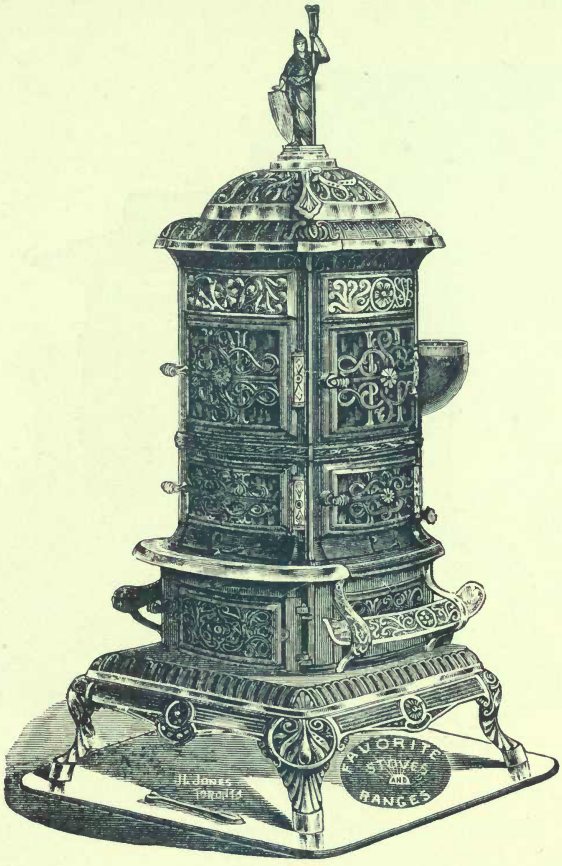
PRICES.

No. 7—With Swing Cover.....$ 9.50 No. 7—Without Swing Cover....$ 8.70
No. 8— " " " ..... 11.00 No. 8— " " " 10.25
Swing Cover is always shipped unless otherwise ordered.

DIMENSIONS IN INCHES.

	Size of Fire Box for Coal.		Length of Fire Box for Wood.	Height of Stove.
	Length.	Width.		
No. 7.....	11	6½	12	24
No. 8.....	12	7	14	26

Rival Favorite.



Straight.

DESCRIPTION.

Self Feeding Parlor Stove. Attractive in Appearance. Thoroughly Well Fitted. Made in Two Styles, A and B.

Style A. has Nickel Plated Swing Top, Panels, Knobs, Name Plates, Foot Rails, Legs, Skirtings, Handsome Top Ornament, and first quality Mica.

Style B. has Nickel Plated Panels, Name Plate and Knobs, and first quality Mica. Other plates are not Nickel Plated and Foot Rails are not supplied.

In working qualities the Rival Favorite is always satisfactory.

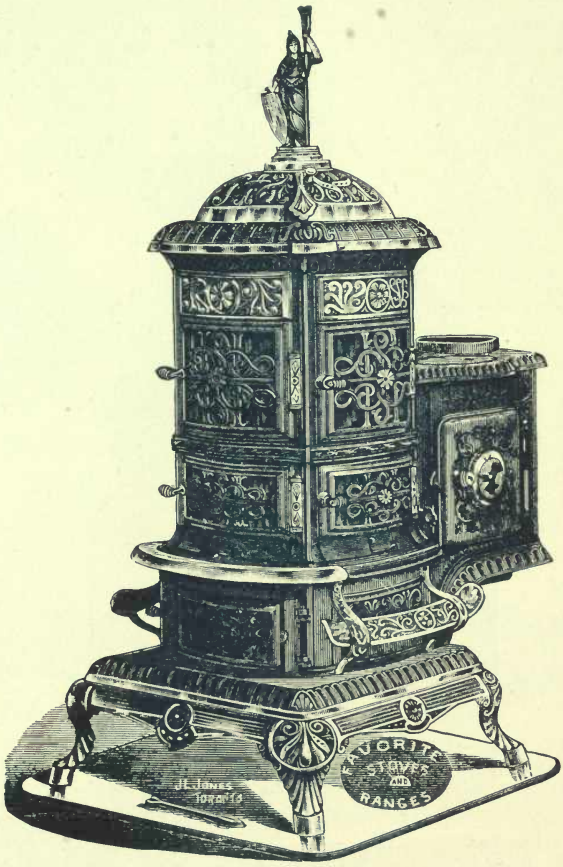
PRICES.

10 A—Straight	$29.70	20 A	$32.50
10 B— "	25.20	20 B	28.00

DIMENSIONS IN INCHES.

	Diameter of Fire Pot.	Depth of Fire Pot.	Height of Stove Including Top Ornament.
No. 10—A or B	10½	6	40
No. 20—A or B	12	6	42

Rival Favorite.



With Oven.

DESCRIPTION.

Self Feeding Parlor Stove with Oven. This Stove is thoroughly Well Fitted and the Oven is guaranteed to work satisfactorily.

Style A. has Nickel Plated Swing Top, Panels, Knobs, Name Plates, Foot Rails, Legs, Skirtings, Oven Door Medallion, Handsome Top Ornament and first quality Mica.

Style B. has Nickel Plated Panels, Name Plates, Knobs, Oven Door Medallions and first quality Mica. Other plates are not Nickel Plated and Foot Rails are not supplied.

In working qualities the Rival Favorite is always satisfactory.

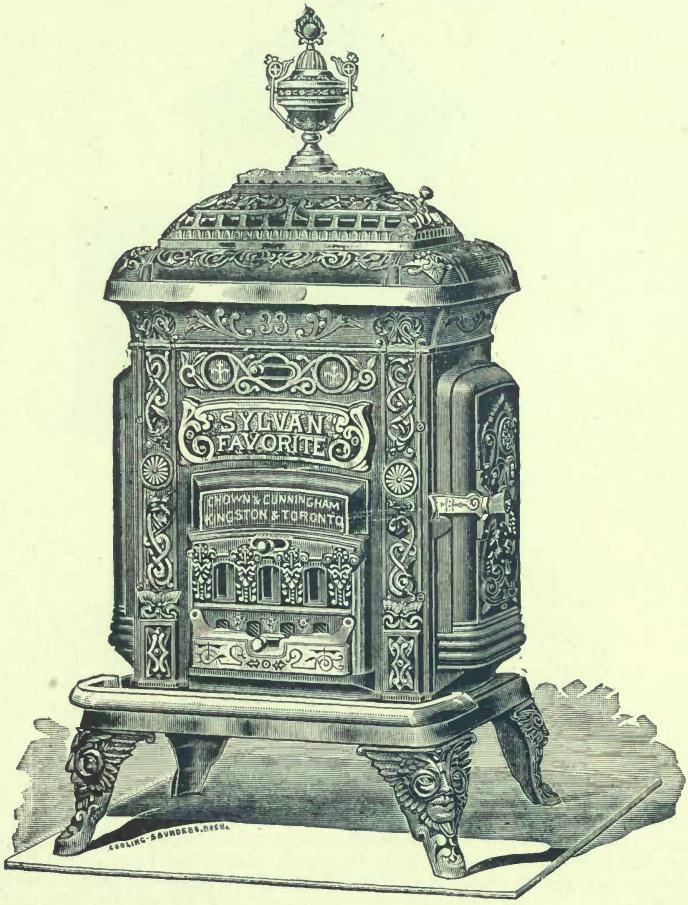
PRICES.

20 A—With Oven.....$39.00 20 B—With Oven.....$34.50

DIMENSIONS IN INCHES.

	Diameter of Fire Pot.	Depth of Fire Pot.	Height of Stove, Including Top Ornament.	Size of Oven. Width.	Depth.	Height.
20 A or B....	12	6	42	9	12	9

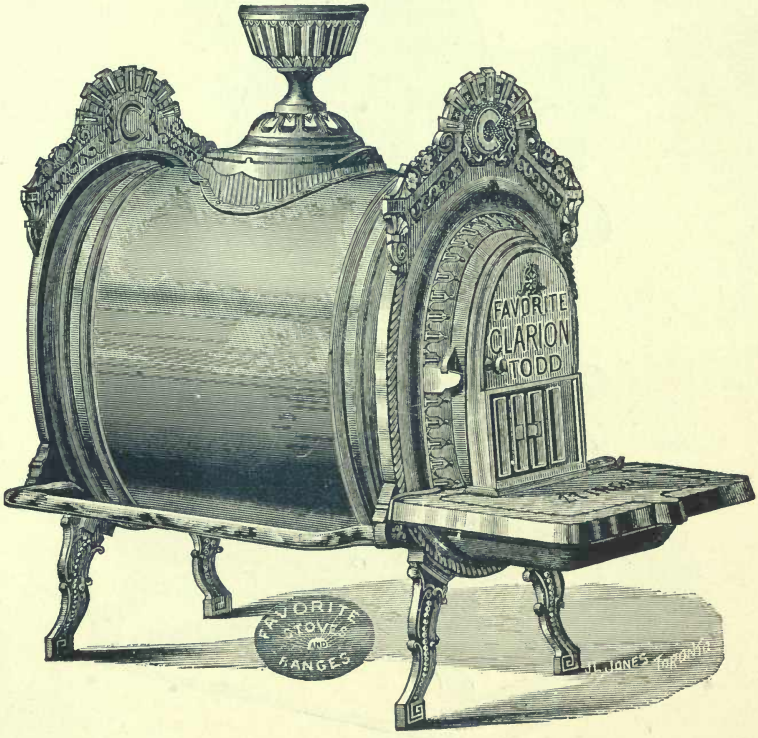
Sylvan Favorite.



A Low Priced Heating Stove for Wood, with large Swing Top and One Boiler Hole.

	No. 31	No. 33
Length of Fire Box	22	24
Price, with Nickel Plates for Rail	$19.00	$21.50

Clarion Favorite

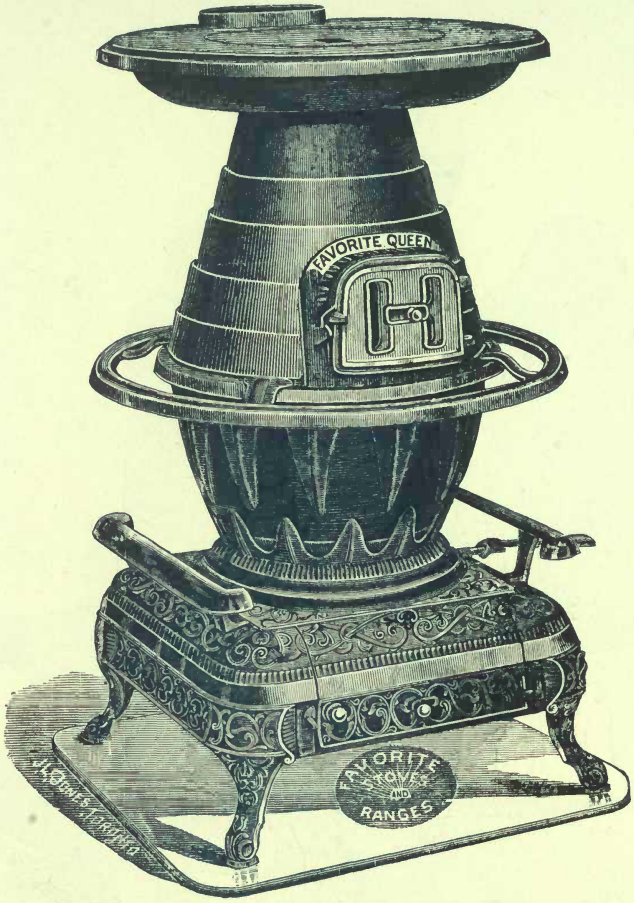


Medium Priced Parlor Stove for Wood with Russia Iron Body, Cast Iron Linings, Nickel Plated Foot Rails, End Pieces and Handsome Top Ornament.

Length of Fire Box, 27 inches.

Price, complete, with Return Flue.....$19.00

Favorite Queen.



DESCRIPTON.

This Heater is specially adapted for Stores, Hotels, Dining Rooms, School Rooms, etc. The top is large and contains a flue into which all the products of combustion enter at one side of pipe collar and pass completely around the top before exit to the pipe. It has large Ash Pan, and anti-clinker draw Grate operated from the outside, so that dust and ashes cannot escape into the room.

PRICES.

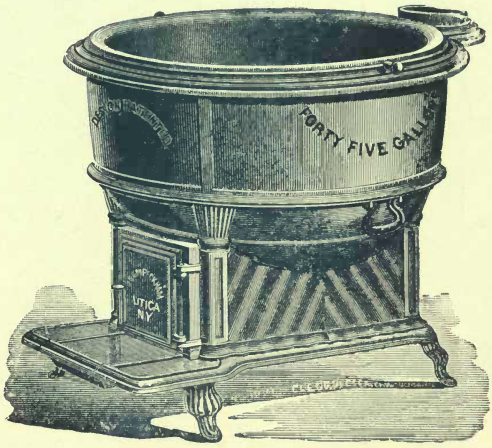
No. 12	$22.50
No. 14	28.50
No. 16	34.50

Without Foot Rails, deduct from List, $1.50.

DIMENSIONS IN INCHES.

	Diameter of Fire Pot.	Height of Stove.
No. 12	14	42
No. 14	17	44
No. 16	20	47

Agricultural Furnaces.



Four Sizes.

WITH COVERS OR WITHOUT.

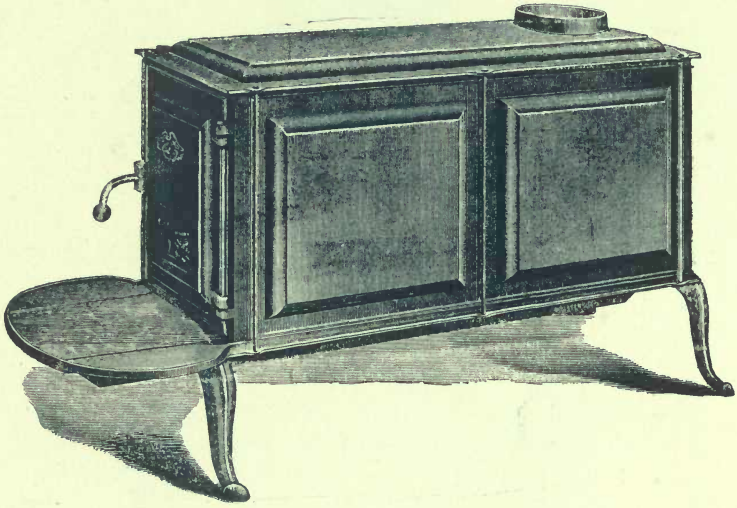
PRICES.

					Length of Fire Box.
22 Gal.	Without Cover.....	$22.50.	With Cover.	$25 75.	22
30 "	" "	28.00.	" "	31.50.	24
45 "	" "	33.50.	" "	37.50.	27
60 "	" "	43.50.	" "	47.50.	28

Always shipped without Covers unless otherwise ordered.

Cauldrons only, see page 104.

Lion and Lioness.



DESCRIPTION.

Very Heavy Plain Box Stoves, suitable for School Houses, Shops, or can be used in place of wood furnaces. Rods on the outside, and Sides in two pieces. Both Lion and Lioness are supplied with heavy Bottom Grates, when desired. The Lion is always shipped without the Grate unless otherwise ordered. The Lioness is always shipped with the Grate, unless otherwise ordered.

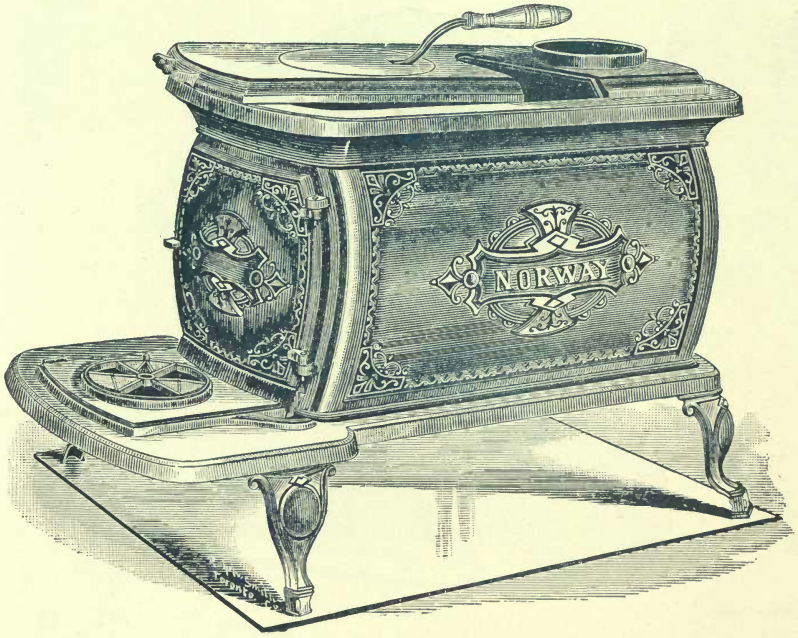
PRICES.

No. 36—Lion, without Bottom Grates	$27.00
No. 36—Lion, with " "	29.00
No. 48—Lioness, with " "	48.50

DIMENSIONS IN INCHES.

	Width.	Height.	Length of Fire Box.
Lion	14	27	36
Lioness	18	33	48

Norway.



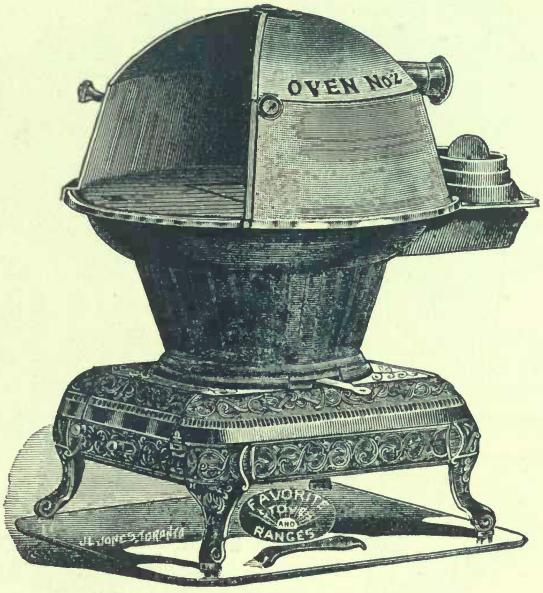
Heavy Box Stove With Sliding Top.

The Number indicates Length of Fire Box.

PRICES.

No. 25	$10.50
No. 31	16.00

Tailor's Oven.

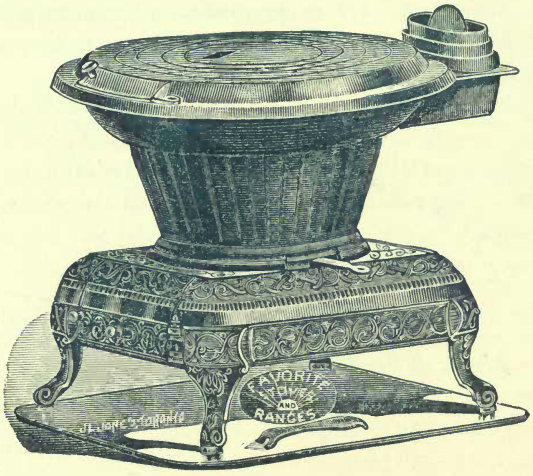


The Tailor's Oven is all Cast Iron with Brick Lined Fire Pot. It has draw centre grate, large ash pan, and heavy corrugated Oven Bottom made in sections. The back half-top is stationary ; the front sections slide, and oven is ventilated by a tube connected with the smoke-pipe—the tube being supplied with a damper.

Diameter of Top, 24 inches.

Price. No. 2 complete, as shown in cut..... .....$28.50

Candy Stove.



The Candy Stove is all Cast Iron with Brick Lined Fire Pot. It has draw centre grate, Large Ash Pan and Three Reducing Rings, making four boiler holes, as follows :

9 inches. 12 inches. 15 inches. 18 inches.

An extra cover can also be supplied, when desired, reducing the 9 inch hole to accommodate a vessel five inches in diameter.

Price, as shown in cut $22.50

Repairs.

Alaska.—Cannot supply the mica door without hinges as used on old style stove. Frame and door at present used on new stove will have to be sent instead. In ordering repairs always state if the shaker is at the side or front of the stove; also if ash pit door is required, state if door lifts off or is hinged.

Maple Cook. Wood Cook.—Has an upper and lower bottom fire grate. In ordering state which one is required. If front fire grate, state whether to swing on hinges or set in slots.

My Choice. Elevated Oven.—Old style has two slide doors in front and front grate set in slots. New style has one front swing door and front grate is hinged. Note this in ordering and if slide hearth is required state for which style of stove.

Perfection.—In ordering repairs for Perfection Stoves and Ranges always give the full number, thus :—No. 9-19, 9-21, 9-23, etc., as the case may be. Not simply state No. 9. Also give the date as cast upon the stove.

We supply the following repairs for Stoves not shown in Catalogue, viz. :—

Argand.—Base Burner, all pieces.

Argand Range.—Fire box linings, covers and centres for No. 9 size only.

Central. Wood Cook.—All pieces.

Climax. Wood Cook.—All pieces.

Conqueror.—Wood cook; front fire box grate, bottom fire box grate, fire back, covers and centres. When ordering Bottom Grate, state if *upper* or *lower* one is required. Front Grate, if hinged to swing, or if held in place by slots.

Classic.—Parlor stove, all pieces.

Dufferin.—Wood Cook; bottom fire grate, front fire grate, fire back, covers and centres.

Dominion.—Wood Cook, fire back and front grate.

Genesee.—All pieces.

Good Luck.—Wood Cook, all pieces.

Gold Coin.—Base Burner, all pieces.

Golden Star.—All pieces.

Maple Cook.—All pieces.

Olive Branch.—Coal and Wood Cook, all pieces. In ordering state if repairs are for stove *with mica front* or without.

Parlor Beauty.—New, all pieces.

Parlor Beauty.—Old Style. No repairs can be supplied.

Success.—Coal and Wood Cook, all pieces. In ordering state if repairs are for stove *with mica front* or without.

Superior.—Coal and Wood Ranges, all pieces.

Shining Light.—Base Burner, fire pot, grate and grate bar.

Treasure.—Wood Cook, all pieces.

Repairs.

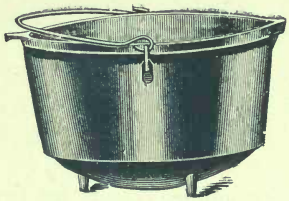
We supply repairs for the following Stoves formerly made by The Chown & Cunningham Co., not shown in this Catalogue :—

Art Favorite—Square Base Burner.
Bismarck.—Wood Cook.
Columbian.— " "
Crown Cook— " "
Chief Cook.— " "
Crusader.— " "
Diamond.— " "
Diamond—Favorite. Coal and Wood Cook.
Diamond—Welcome. Coal and Wood Cook.
Dufferin—Wood Cook.
Empire State—Wood Cook.
Empress— " "
Farmer— " "
Favorite.—Round Base Burner.
Favorite Standard—Ranges.
Favorite Forest—Elevated Oven.
Favorite Cottage—Wood Parlor.
" **Granshaw**—Box Stove.
" **Homestead**— " "
" **Kitchen**—Ranges.
Favorite Ranges.
" **Princess**—Elevated Oven.
" **Prairie**— " "
" **King**—Heating Stove.
" **Oak**— " "
Garnet—Heating Stove.
Giant—Wood Cook.
Monitor— " "
New America—Wood Cook.
Prize Parlor—Heating Stove.
Pullman— " "
Pug—Heating Stove.
Pearl—Coal and Wood Cook and Range.
Protectionist—Wood Cook.
Resumption— " "
Sure Luck—Range.
Standard— "
Spartan—Wood Cook.
Woodman— " "
Wasp—Heating Stoves.
Vulcan— " "

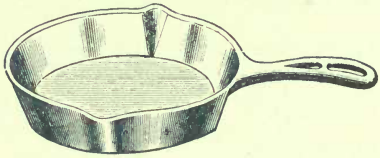
We have all the parts for most of above-mentioned Stoves, but for some of the patterns we have only the parts most likely to be called for. Full information in reference to parts supplied, furnished on application.

Hollow Ware.

Straight Pot or Kettle



Lipped Kettle.



Spider.

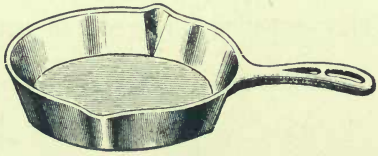
Straight Set, viz. :—1 Straight Pot, 1 Lipped Kettle, 1 Spider.

	7 in.	8 in.	9 in.	10 in.
Spiders, each	$0.26	$0.29	$0.36	$0.44
Straight Pots, or Lipped, each	0.52	0.63	0.73	0.81
Bellied Pots, each	0.61	0.76	0.84	0.93
Sets, (Bellied, viz., Spider, Pot, Kettle)	1.39	1.68	1.93	2.18
Sets, (Straight, Spider and two Kettles)	1.30	1.55	1.82	2.06

Bellied Pot.

Bellied Set, viz. .—1 Bellied Pot, 1 Straight Pot, 1 Spider.

Kettle or Straight Pot.



Spider.

Hollow Ware.

Eccentric Bellied Pots.

No. 9-10—Round Bottom (holds 20 quarts).... .... $0.84 each.
No. 9-10—Pit Bottom (holds 32 qrts) 1.60 "

Tea Kettles.

EACH.			
7 in.	8 in.	9 in.	10 in.
$0.56	$0.69	$0 84	$0.97

Scotch Bowls.

Nos...	1	2	3	4	5	6
Each..	$0.32	.40	.48	.56	.64	.72

Chaudrons or Camp Ovens.

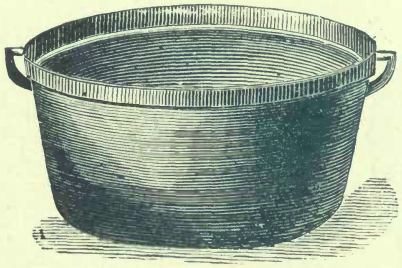
Sizes, 8, 9, 10, 11, 12, 14, 16 pounds each.
Weight, 10, 11¼, 12½, 13¾, 15, 17½, 20 pounds each.

Price per pound....$0.04.

Hollow Ware.

Cauldrons.

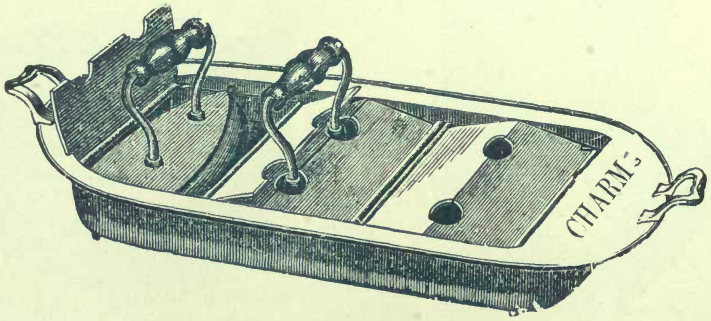
Size.	Price.
22 gal.	$5.25 each.
30 "	5.75 "
45 "	8.50 "
60 "	10.25 "



Sugar Kettles.

With or Without Bails.

	Capacity.	Weight.	Per lb.
No. 1..	4 pails	47 lbs.	$0.04
No. 2..	5 "	60 lbs.	.04
No. 3..	6½ "	73 lbs.	.04

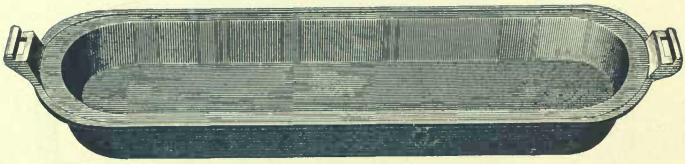


Charm Sad Iron Heater.

No. 8.....$1.00. No. 9.....$1.20. No. 10.....$1.25.

Acme Fry Pans.

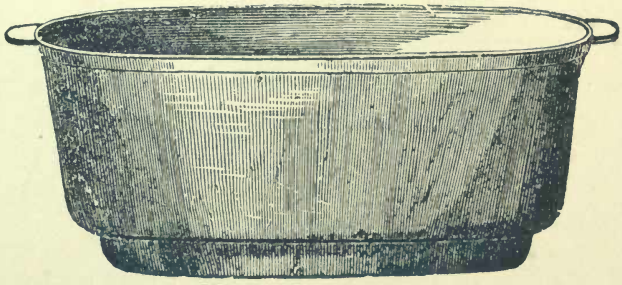
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Per doz.....	$3.30	$3.60	$4.00	$4.50	$5.20	$6.50



Deep Long Pans.

No. 8.....50c. No. 9 .....60c. No. 10 .. .. 78c.

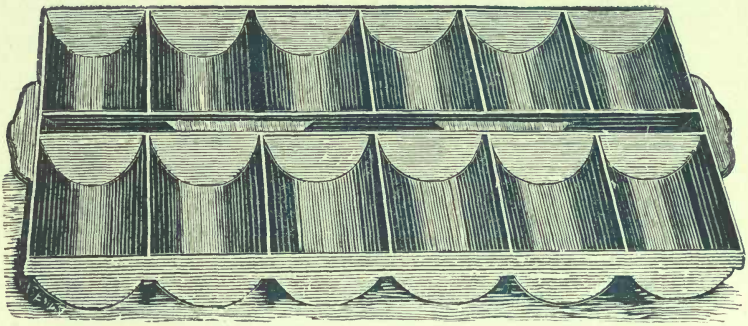
We al·o make Shallow Long Pans (same price) that sit over holes.



Ham Boilers.

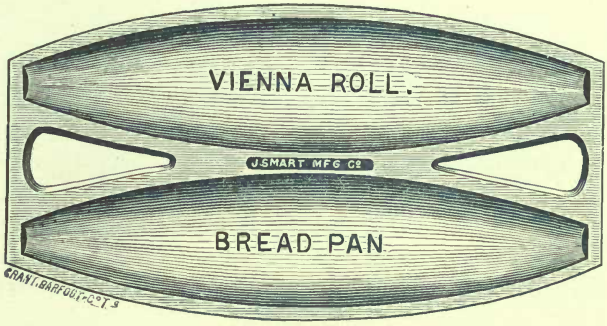
No. 8... .....$1.60. No. 9.....$2.00. No. 10 .....$2.33

French Roll Pans.



No. 5. For Twelve 3-inch French Rolls..... .....Per dozen, $5.00

Vienna Roll Pans.



No. 3. For Two 12-inch Vienna Rolls..... .....Per dozen, $2 75

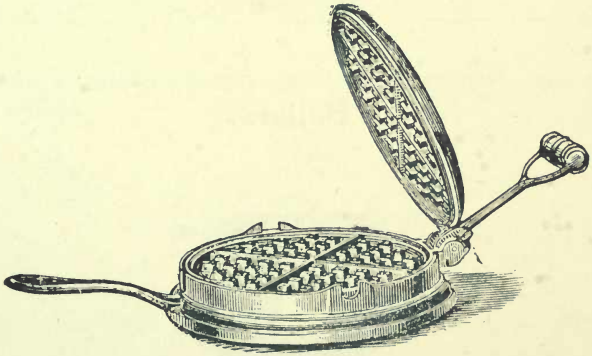
No. 4. For Six 7-inch Vienna Rolls.....Per dozen, $2.50

Cake Pans.

No. 1. For eleven 2¾ in. Round Cakes ....per dozen, $3.75

No. 2. For eight 4 in. Oval Cakes..... .....per dozen, $3.75

Waffle Irons.

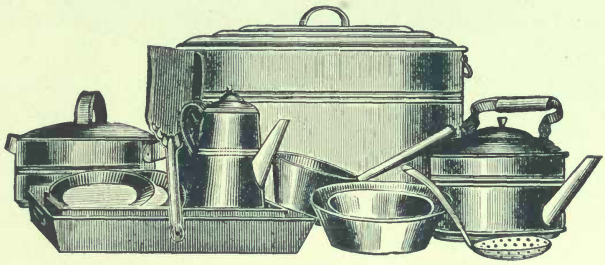


REVOLVING.

No. 89. For Nos. 8 and 9 Stoves..... .....Each, $1.35
No. 90. For Nos. 9 and 10 Stoves..... ..... " 1.50

Tin Stove Furniture.

Set consists of One Copper-Bottomed Boiler, One Copper-Bottomed Tea Kettle, One Tea Pot, One Skimmer, One Dipper, Two Pie Pans, Two Pudding Dishes, One Dripping Pan, One Steamer.



PRICE PER SET.

No. 8—Boiler and Tea Kettle with Copper Pit Bottoms, without Steamer.....$4.26
No. 9— " " " " " " " " " " 4.67
No. 8— " " " " " " " " with " 4.60
No. 9— " " " " " " " " " " 5.00

Boiler and Tea Kettle, with Spun Copper Pit Bottom.

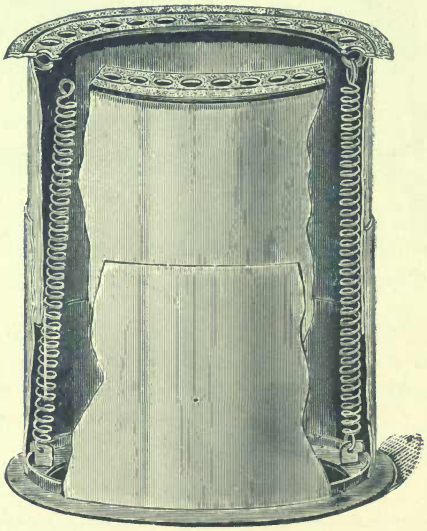
No. 8—Without Steamer..... $4.93
No. 9— " " 5.37
No. 8—With Steamer..... 5.27
No. 9— " " 5.70

Boilers.

No. 8—Plain Copper Pit Bottom..... Each, $2.50
No. 9— " " " " ..... " 2.75
No. 10— " " " " ..... " 3.50
No. 8—Spun Copper Pit Bottom..... " 3.00
No. 9— " " " " ..... " 3.25

Cheney's Patent "Diamond"

Extension Stove Pipe Thimbles.



BEST, CHEAPEST AND MOST DURABLE IN THE MARKET.

The heads are connected by spiral steel springs, whose tension adjusts them to any thickness required.

SIZES AND PRICES.

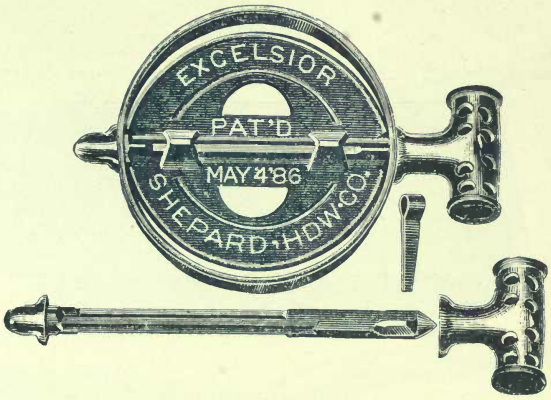
COMPLETE.

No. 3—6 inch,	4 to 8 inch	extension	Per doz.,	$12.00
No 4—6 "	7 to 14 "	"	"	13.50
No. 5—7 "	4 to 8 "	"	"	12.00
No. 6—7 "	7 to 14 "	"	"	13.50

Castings and Springs only, for Tinsmiths preferring to supply their own tin work,

Any Size. Per doz. sets, $7.50.

Excelsior Stove Pipe Dampers.



SHEPARD'S PATENT.

For Style, Finish, Durability and Convenience, Positively Unequalled.

ADVANTAGES OVER ALL OTHER DAMPERS.

No springs to burn out or become worthless by having temper drawn out by heat.

Spindles held in by new method, and do not get loose by warping of damper plate.

Friction on outside of pipe, at both ends of spindle.

Acorn tip at end of spindle not only ornamental, but covers hole in pipe that is punched for spindle.

Spindles flat and do not turn in plate.

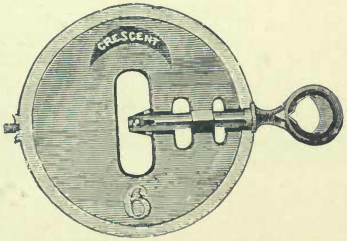
The shoulders on damper-plate are made more flaring than usual, so as not to rub against the fin or rough edge around hole made in pipe or spindle.

Nickel-plated or japanned "always cool" ventilated handles, substantial and ornamental, and, unlike wooden handles, do not drop out.

5, 6 or 7 in. Japanned Handles..... Per doz., $2.30
5, 6 or 7 in. Nickel-Plated Handles..... " 3.co

One dozen in box.

Crescent Stove Pipe Dampers.



JAPANNED HANDLES.

6 or 7 inch..... .....Per doz., $1.60

One dozen in a box.

Cast Iron Sinks.

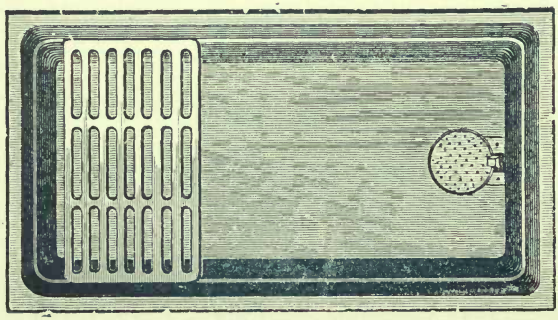
ORDINARY.

PRICE, EACH.

14x20	15x27	16x24	16x30	18x24	18x30	18x36
$2.20	$2.90	$2.70	$3.50	$2 80	$3.75	$4.75

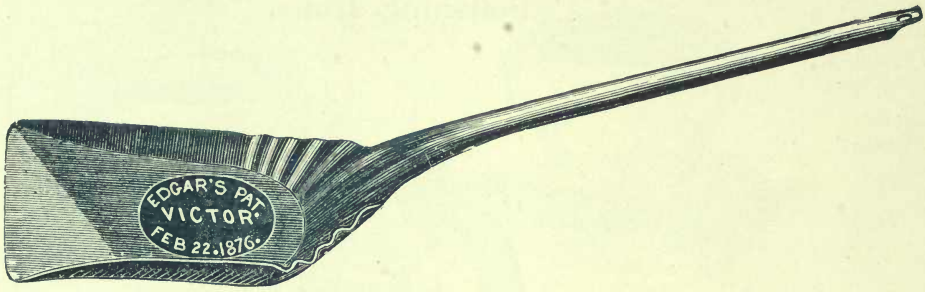
18x42	20x36	20x40	24x38
$6.25	$5.25	$6.00	$6.50

MAGEE PATENT.

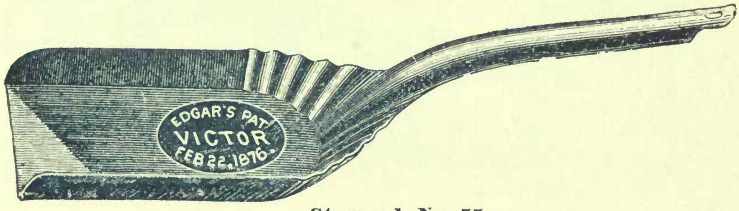


18x24	18x30	20x36	22x42
$3.10	$4.15	$5.80	$7.45

Fire Shovels.



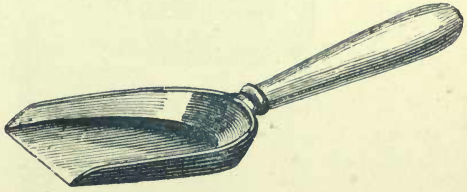
Stamped, No. 57.



Stamped, No. 55.

Stamped, No. 70.

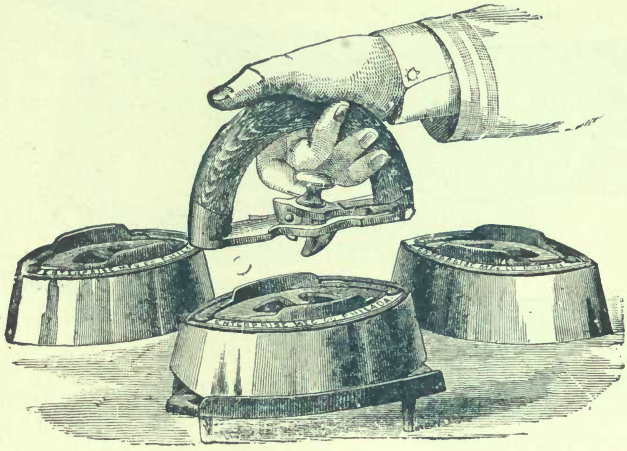
Cast Iron, No. 1.



		Iapanned.	Tinned
No. 57,	per doz.	$1.80	$2.70
No. 55,	"	1.40	2.10
No. 70,	"	.90	1.20
No. 1,	"	1.20	
No. 2,	"	1.30	

Cast Iron, with Wood Handle, No. 2.

Cold Handle Double Pointed Smoothing and Polishing Irons.



Showing a full set of Irons. Three sizes in each set.

No. 50—Nickel Plated..... Per dozen sets, $30.00
No. 55—Plain Polished..... " " 24.00

Extra handles, per dozen, $4.50, six sets in a case.

Troy Polishing Irons.

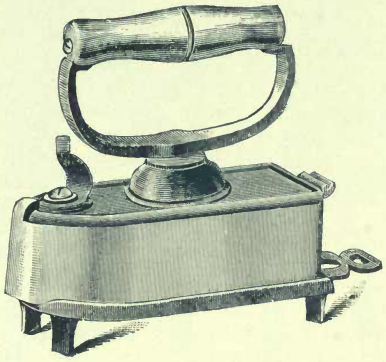
SMOOTH FACE.

PERFORATED FACE.

No. 6—5½ lbs., Smooth Face .. .. Each, $0.75
No. 60—5½ lbs., Perforated Face ..... " 0.75

Self-Heating Sad Irons.

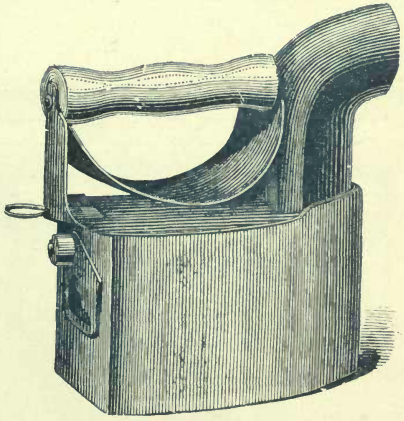
"ACME."



One Size. Heated by Slugs.

Each.....$2.00

CHARCOAL.

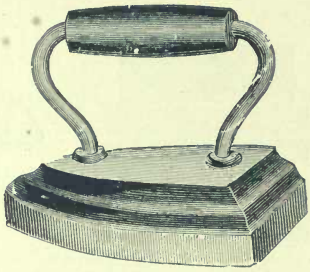


Polished Edges and Face.

Green and Gold Tops.

	Face.	Weight.	Per doz.
No. 3.....	7 x3¾ in.	7½ lbs.	$10.00
No. 4.....	6¼x4½ in.	8 "	10.00
No. 5.....	10½x3 in.	12 "	22.50
No. 6.....	12 x3½ in.	13½ "	27.00

Sad Irons.



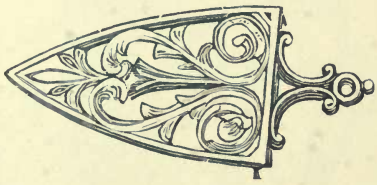
Sizes :

4, 5, 6, 7, 8, 9 and 10 lbs. eaeh.

Japanned Top and Handle, Extra Polished Face, per lb.....$0.05
Gold Lacquered Top and Handle, Extra Polished Face, per lb... .06
Gold Lacquered Top and Handle, Nickel Plated Face, per lb.... .08

200 lbs. in case.
Assorted to order.
600 lbs. in barrel.

Sad Iron Stands.

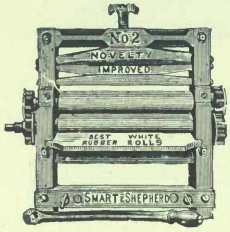


No. 2. Japanned.

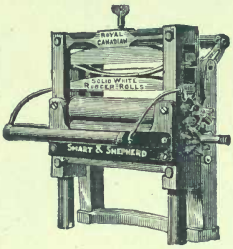
No. 2.....Per dozen, $1.50

One dozen in package.

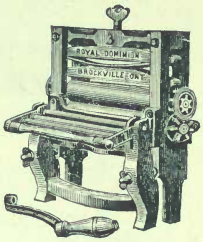
Clothes Wringers.



NOVELTY.



ROYAL CANADIAN.

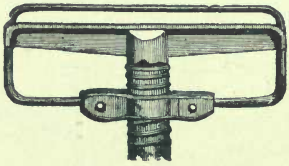


ROYAL DOMINION

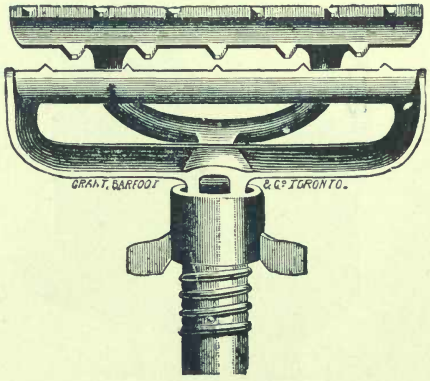
	10 inch Rolls.	11 inch Rolls.	12 inch Rolls.
Novelty	Per doz., $66.00	$68.00	$92.00
Royal Canadian	"	72.00	
Royal Dominion	" 68.00	72.00	96.00

Best White Rubber Rolls. Quarter dozen in case.

Mops.



NIAGARA.



COMBINATION.

Combination..... Per dozen, $1.40
Niagara..... " 1.40

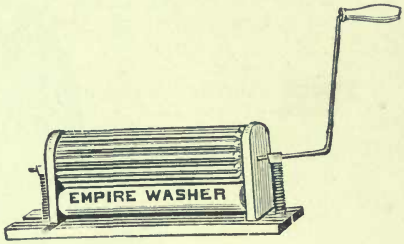
One dozen in a bundle.

"Empire" Tub Benches.

'Empire." Any Wringer can be attached.

Per dozen..... .....$26.00

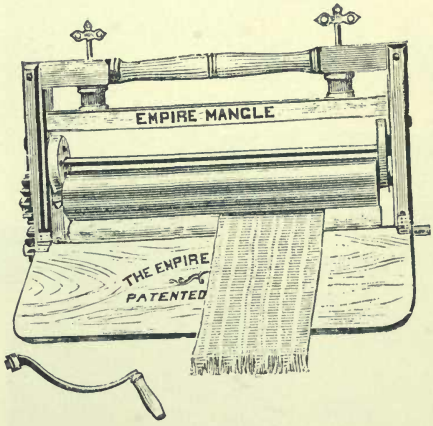
"Empire" Washers.



Rolls 24 inches long.

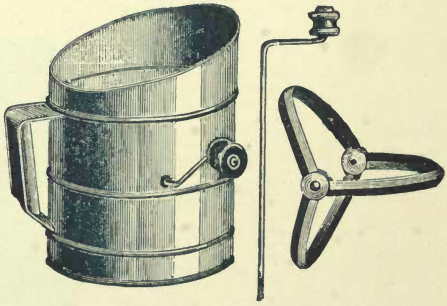
Per dozen.....$42.00

"Empire" Mangles.



Hard Maple Frame. One Maple Roll. One Brass Covered Roll. Rolls 24 inches long, 4 inches in diameter.....Each, $20.00

Flour Sifters.

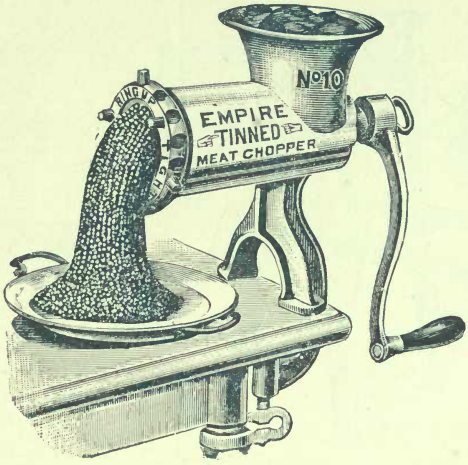


THE VICTOR.

Scoop, Mixer, Sifter, Measure, Rice Washer and Strainer combined.

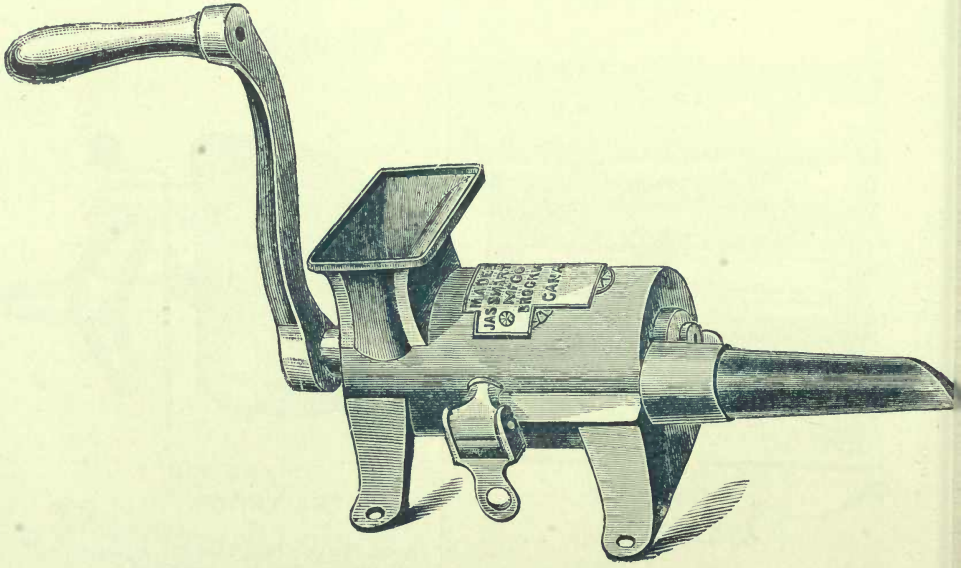
Per Dozen.....$2.50

Empire Meat Cutters.



No. 5—Small Family Size, as per cut, Galvanized	Each,	$2.00
No. 10—Medium Family Size, as per cut, Galvanized	"	3 00
No. 12—Medium Family Size, to Screw to Table, Galvanized	"	2.50
No. 22—Large Size, to Screw to Table, Galvanized	"	4 00
No. 32—Hotel Size, to Screw to Table, Galvanized	"	6.00

Home Meat Cutters.

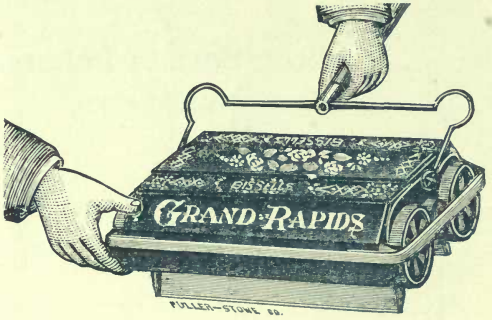


A Low Priced Machine of Excellent Working Qualities.

No. 20—Small Family Size, Japanned ..... Each, $2.00

One in package ; one-half dozen in case.

Carpet Sweepers.



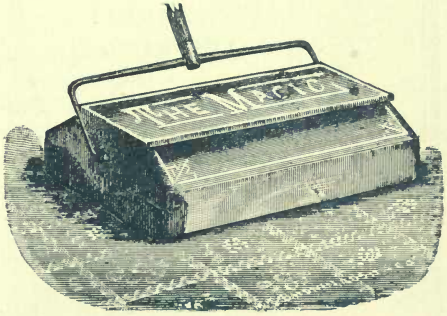
GRAND RAPIDS.

Automatic Reversible Bail, Broom Action, Spring Dumping Device.

Mahogany or Oak finish. Hand Decorated. Rubber Tires and Buffers.

Per dozen,.....$66.00

One dozen in a case.



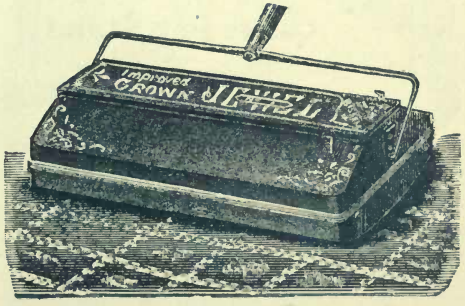
BISSELL'S
CARPET SWEEPER,

THE MAGIC.

Two Rubber Tire Wheels.

Per dozen.....$44.00

One dozen in a case.



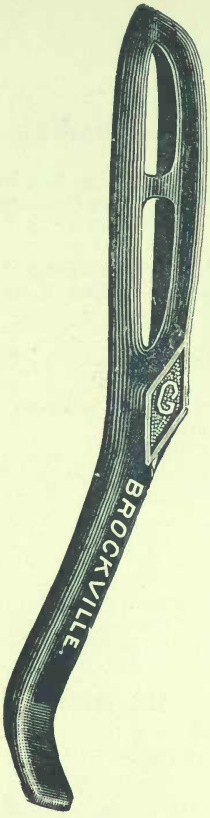
IMPROVED CROWN JEWEL.

Hand Decorated.

Has Four Wheels, Rubber Friction and Dumping Device.

Per dozen.....$55.00

One dozen in a case.



Coppered Stove Lid Lifters.

Coffee Pot Stands.

Slicer Bars or Pokers.

NICKEL PLATED.

Each..... ....$0.30

Stove Lid Lifters.

COPPERED.

Per dozen.....$0.60

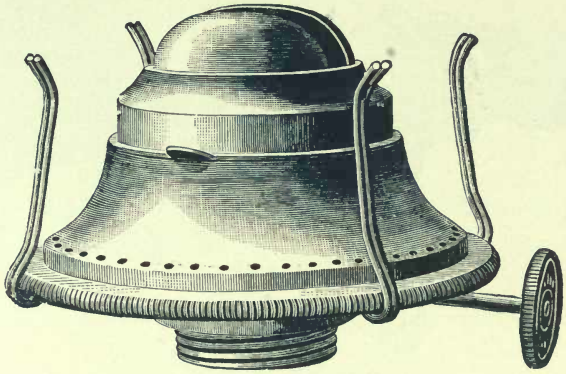
One dozen in package.

Coffee Pot Stands.

Japanned.....Per dozen, $1.60

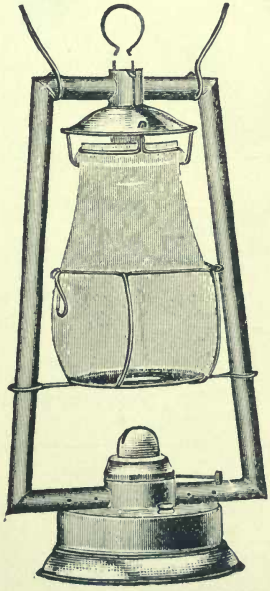
Nickel Plated..... " 3.00

Banner Lamp Burners.



No. 0 ..... Per dozen, $1.30
No. 1 ..... " 1.50
No. 2 ..... " 2.10

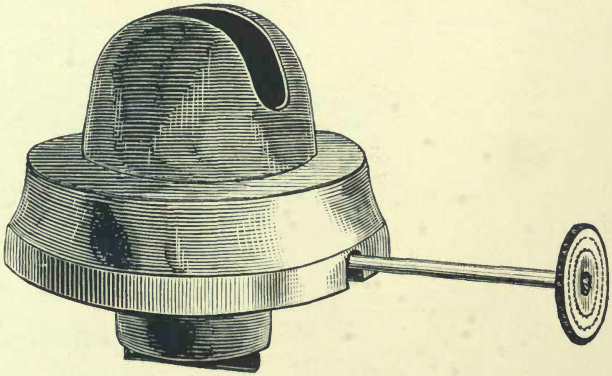
Tubular Lanterns.



BURN'S PATENT LIFT.
Per dozen $10.00

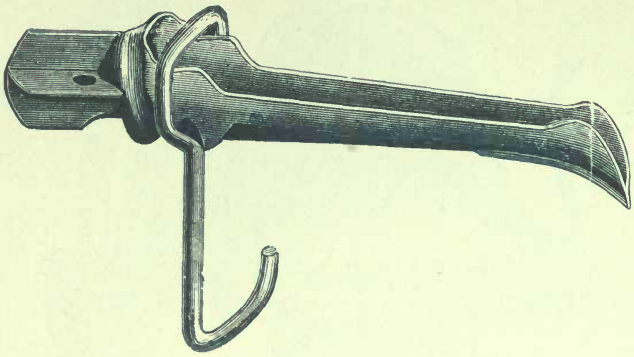
WRIGHT'S HINGE LANTERNS.
Bright Tin ... Per doz., $10.00
Japanned Red " 11.00

Lantern Burners.



No. 1—Medium .. .. Per dozen, $1.50
No. 2—Large ..... " 2.10

Eureka Sap Spouts.



With Wire Hooks.

Berlin Bronzed.....Per 1000, $18.00

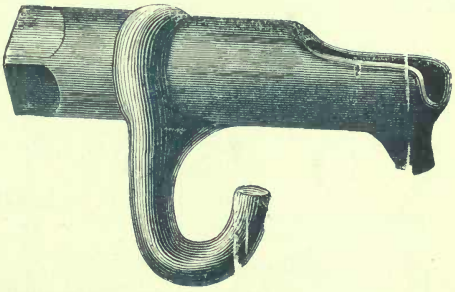
500 or 1000 in case. Also in boxes of 100.

Willis Sap Spouts.

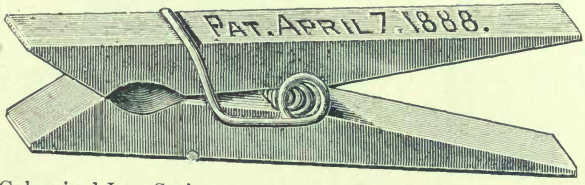
All Cast Iron.

Berlin Bronzed...Per 1000, $25.00

500 or 1000 in case.
Also in boxes of 100.



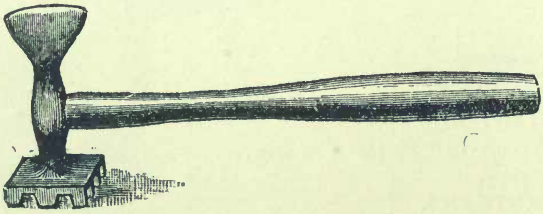
Clothes Pins.



Wood, with Galvanized Iron Springs.....Per gross, $1.00

Two gross in box.

Steak Hammers.



No. 1—Japanned.....Per dozen, $2.50
No. 2—Tinned..... " 3.00

Barrel Churns.

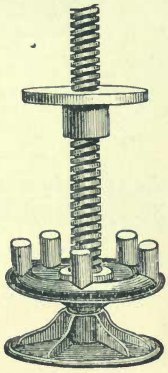
Four Sizes.

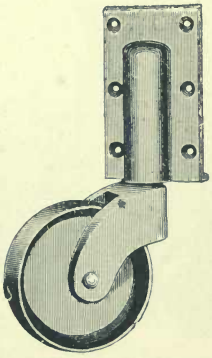
	No. 1	No. 2	No. 3	No. 4
Price each....	$8.50	$9.00	$10.00	$12.00

Cheese Press Screws.

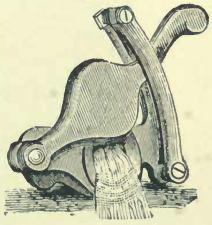
1¾ inches diameter, 22 inches over all. Square Thread.
Extra Refined Iron.

Price, each, $5.00.





Curd Sink Casters.

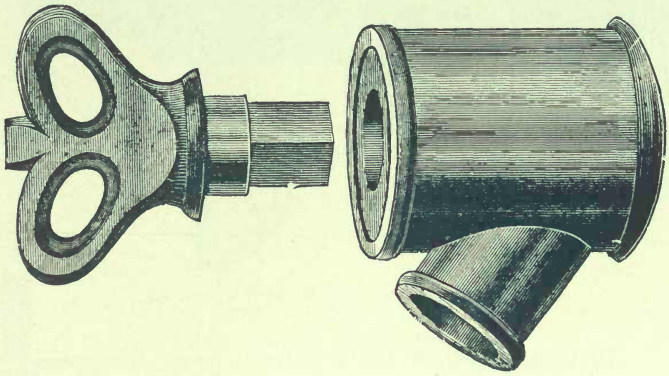


Cheese Vat Gates.

3 inch Wheel Curd Sink Casters 1½ inch Face	Each,	$0.50
4¾ inch Wheel Curd Sink Casters, 1⅜ inch Face	"	1.00
No. 1—Cheese Vat Gates, 2⅛ in. diam., 7 in. long	"	1.70
No. 2—Cheese Vat Gates, 3 in. diam., 8¼ in. long	"	2.60
No. 6—Cheese Vat Gates, 2½ in. diam., 8 in. long. Bent	"	3.00

Screw Plug Creamer Gates.

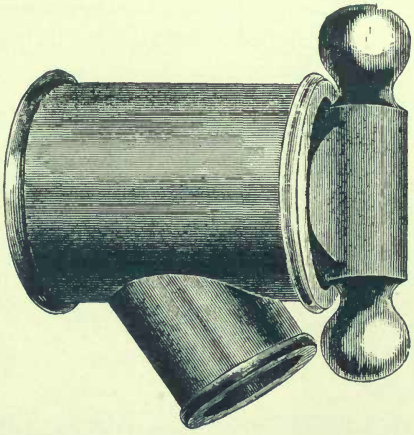
LOOSE KEY.



Full size cut, Nos. 150 and 250.

No. 150—Metal Barrel and Plug, Berlin Bronzed Iron Loose Key..... Per doz., $3.00
No. 250—Metal Barrel and Plug, White Metal Loose Key..... .... " 3.00

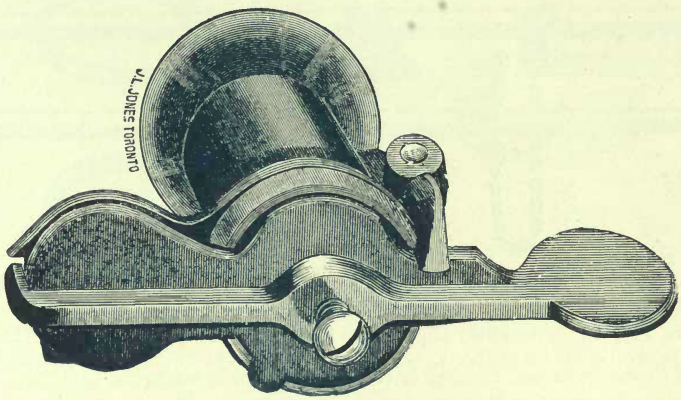
TIGHT KEY.



Full size cut, No. 50.

No. 50—All White Metal.....Per doz., $3.00

Creamer Gates.

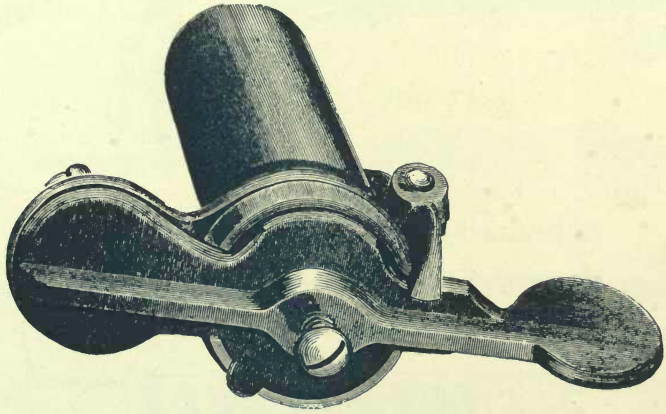


WITH LOCK LEVER.

Full size cut, No. 200. Bent, with Flange.

No. 200—Tinned Iron, Bent..... Per dozen, $3.00

One dozen in package.



Full size cut, Nos. 10 and 100. Straight.

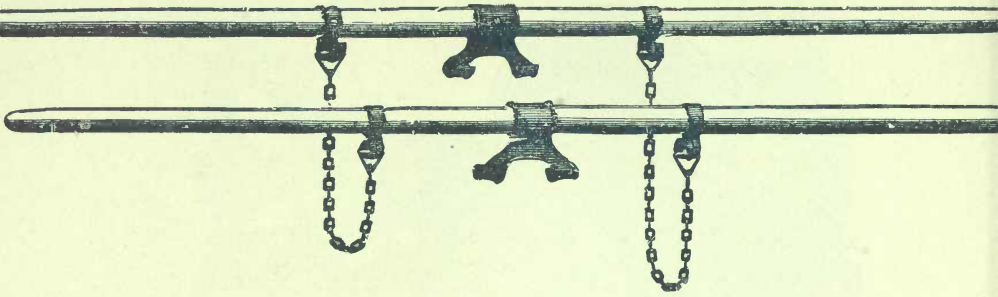
No. 10—Japanned Iron, Straight..... Per dozen, $2.00
No. 100—Tinned Iron, Straight..... " 2.80

One dozen in package.

Dee's Patent Stove Carriers.

Will fit and carry any stove.

We are Sole Manufacturers for the Dominion of this useful appliance.

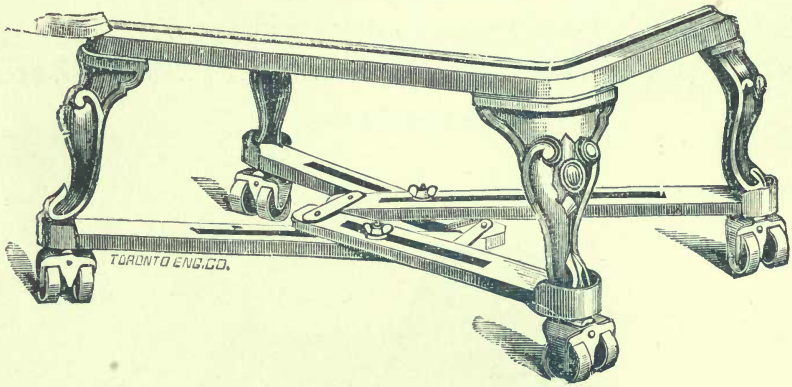


PRICES.

Complete, as per cut, Seasoned Hickory or Rock Elm Handles, Malleable Iron Grips.... ..... Each $ 3.75

Without Chains, Seasoned Hickory or Rock Elm Handles, Malleable Iron Grips 3.00

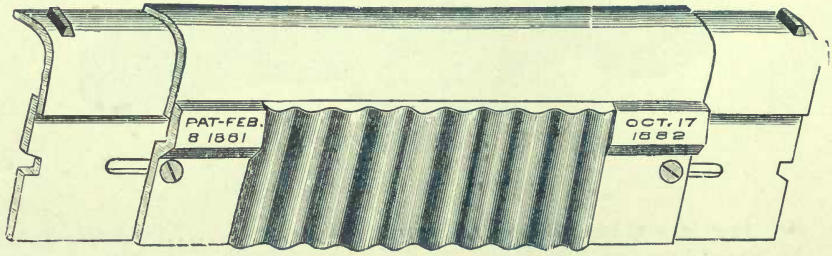
Adjustable Stove Trucks.



FOR MOVING STOVES ON FLOOR.

Per Set..... $2.50

Schenck's Adjustable Fire Backs.

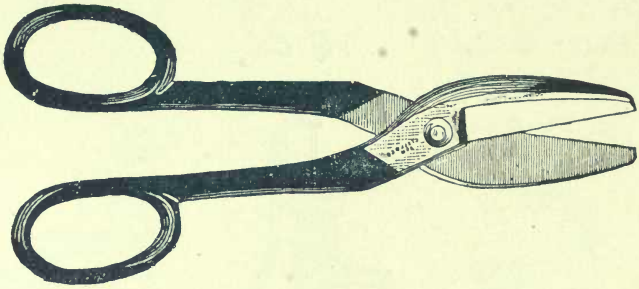


Will Fit any Cook Stove.

Per dozen.... ..... $15.00

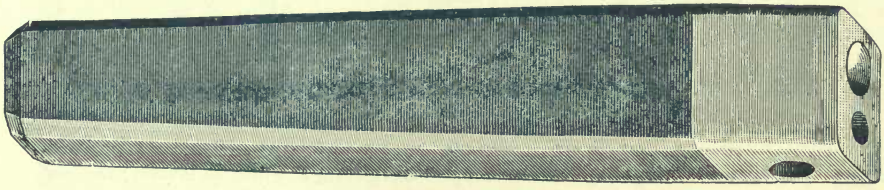
Half dozen in case.

Tinners' Snips.



No. 7—Cuts 4 inches..... Each, $4.50
No. 8—Cuts 3½ inches..... " 3.50
No. 9—Cuts 3 inches..... " 2.75

Cast Steel Rivet Sets.



Full size cut of No. 3.

No. 2—Fits No. 7 Rivets..... Per dozen, $4.75
No. 3—Fits No. 8 Rivets..... " 4.75

Soldering Coppers.

With Square Points for common use.

No. 1 —Weight per pair, 1 lb..... Per pound, $0.65
No. 1½—Weight per pair, 1½ lbs..... " .60
No. 2 —Weight per pair, 2 lbs..... " .60
No. 2½—Weight per pair, 2½ lbs..... " .60
No. 3 —Weight per pair, 3 lbs..... " .60

The Carver's Friend.

KNIFE SHARPENER.

Made of Best Turkish Emery, Solid, Strengthened with Steel Wire.

Per dozen..... $3.00

One-half dozen in package.

Cistern Pumps.

Fig. 1.

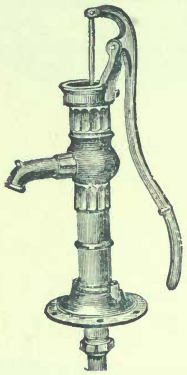


Fig. 1 represents our long barrel Cistern Pump, with BRASS VALVE SEAT and COUPLING BELOW BASE, arranged for attaching lead or iron pipe. The whole of the interior surface of the cylinder is first BORED perfectly true, and then POLISHED, making a perfect acting and durable pump. The fulcrum and handle revolve, and can be adjusted to any position by turning the set screw under the handle. The piston, or upper valve, can be drawn out at the top by loosening the set screw that holds the fulcrum in position, and the lower valve can be reached by disconnecting the cylinder where it joins the base, there being only two bolts to remove. Thus the entire pump can be taken apart without detaching the pipe or disturbing the fixtures around it. By raising handle to its full height, the water may be let off to avoid freezing.

SIZES AND PRICES.

Fig,	1,	No.	0—2	inch bore,	1	inch pipe.....		$3.50	each
"	1,	"	1—2¼	"	1	" "		4.00	"
"	1,	"	2—2½	"	1¼	" "		4.50	"
"	1,	"	3—2¾	"	1¼	" "		5.00	"
"	1,	"	4—3	"	1½	" "		5.50	"
"	1,	"	5—3¼	"	1½	" "		6.50	"

When ordered for iron pipe only, we deduct 25 cents from list.

Pitcher Spout Cistern Pumps.

Figs. 2 and 3.

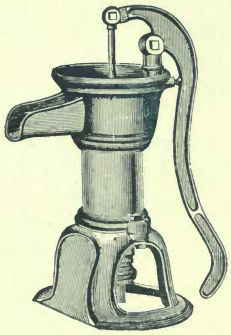


Fig. 2, Close Top. Fig. 3, Open Top.

Both kinds are sold at the same price. They are the most popular styles now in existence. The cylinder is bored uniformly round and straight, and afterwards smoothly polished throughout, causing the pump to work with the utmost ease and efficiency. When using iron pipe dispense with brass tail piece and screw into coupling. When ordered for iron pipe only, deduct 25 cents from list.

SIZES AND PRICES.

No.		Each.
1.	2½ in. bore, for 1 in. pipe,	$4.25
2.	3 in. bore, for 1¼ in. pipe,	4.75
3.	3½ in. bore, for 1¼ in. pipe,	5.25
4.	4 in. bore, for 1¼ in. pipe,	5.75
5.	4½ in. bore, for 1½ in. pipe,	5.62

Pitcher Spout Pumps.

BRASS CYLINDER.

Fig. 44.

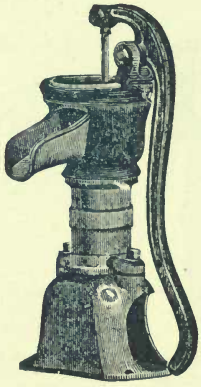


Fig. 44 is a cut of our Brass Cylinder Pitcher Spout Pump, having the part traversed by the piston made of brass and piston of galvanized iron. It is the same style and for the same purposes as the Iron Pump Fig. 2, having the advantage of non-corrosive metal where it comes in contact with the leather, rendering it very durable.

SIZES AND PRICES.

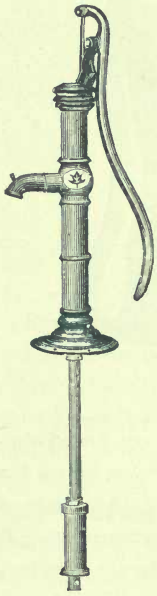
No.		Each.
1.	2½ in. bore, for 1 in. pipe,	$ 7.00
2.	3 in. bore, for 1¼ in. pipe	10.00
3.	3½ in. bore, for 1½ in. pipe	12 00

When fitted with Brass Hot Water Valves, add to list $2.00 each.

Anti-Freezing Well Pumps.

Figs. 5 1-2 and 9.

Fig. 5½—Without Brace, as per cut.
Fig. 9 —With Brace.



OPEN TOP.

For Wells 30 feet deep, and under ; or by extension of set length to lower cylinder to within 28 feet of bottom, can be used for wells up to 50 feet deep.

These pumps have revolving fulcrum and wrought iron extension, which places the cylinder and working parts three feet below the base, and out of danger and frost, as the water is allowed to run back below freezing point. The set length between standard and cylinder, can be extended to suit the depth of cistern or well or if it is preferred to submerge the cylinder.

When set ready for use, should have our improved Foot Valve and Strainer attached to the lower end of the suction pipe, which always keep the valves in perfect working order.

Cylinders are Bored and Polished and have Brass Valve Seats.

SIZES AND PRICES.

		Fig. 5½.	Fig. 9.
With 2½x10 in. Cyl., for 1¼ in. pipe.	Each,	$7.75	$8.00
" 2¾x10 " " 1¼ "	"	8.00	8.25
" 3 x10 " " 1¼ "	"	8.50	8.75
" 3¼x10 " " 1¼ "	"	9.00	9.25

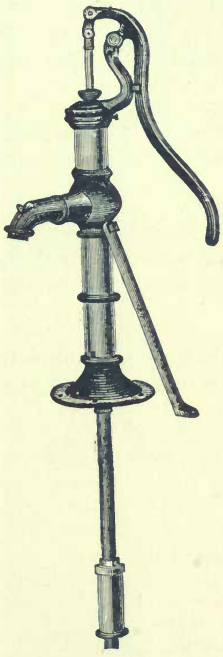
Foot Valve and Strainer, Fig. 35 ..... Each, 1.50
Standard and Cylinder only ..... 50 cents less.

Anti-Freezing Well Pumps.

CLOSE TOP.

Figs. 6 and 10.

Fig. 6—Without Brace.
Fig. 10—With Brace as per cut.



For same class of Wells as Figs. 5½ and 9.

And same in construction and design as these figs. excepting top which is close to prevent sticks, stones or foreign substances being thrown into pump.

Fitted for 1¼ inch pipe.

Cylinders 10 inches long inside and of various diameters as per price list.

PRICES.

Standard, Set Length and Cylinder as per cut.

	Fig. 6.	Fig. 10.
With 2½ in. Cylinder	$8.50	$ 9.00
With 2¾ "	8.75	9 25
With 3 "	9.25	9.75
With 3¼ "	9.75	10.25
Foot Valve and Strainer		1.50
Without Set Length, off		.50

Anti-Freezing Well Pumps.

Fig. 8.

For same class of Wells as Figs. 5½, 6, 9 and 10.

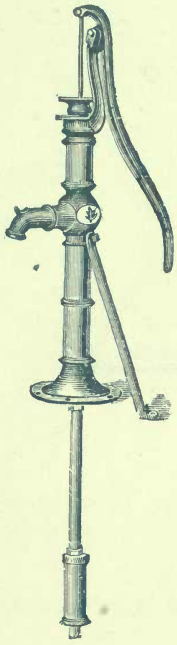


Fig. 8 represents design of standard with Gas Pipe Thread cut near the Spout, the Pipe or Set Length being connected or screwed at that point, instead of the base, as in those of more ancient origin. By this mode of attaching the pipe better results are obtained with less labor.

1st.—The water does not come in contact with the stock of the pump below the spout, consequently there is no danger of bursting by freezing.

2nd.—As the water passes directly to the spout through the pipe, less pumping is required to bring water to the surface, the barrel or stock of the pump not being filled, as is the case in the old-style pumps.

The base is closely fitted around the pipe, which obviates all vibration, consequently less danger is experienced from breakage in handling or shipping.

This pump is fitted witn a brace, as is shown in cut, which prevents oscillation while pumping, by simply fastening it to the platform with a bolt.

Cylinders same as in Figs. 5½, 6, 9 and 10.

SIZES AND PRICES.

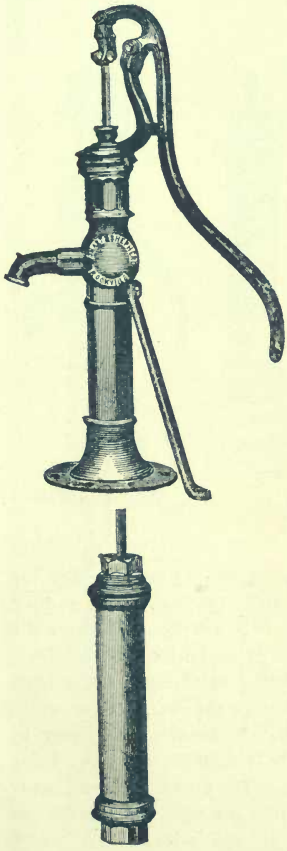
Complete as per cut.

Fig. 8—2½ inch Cylinder	Each,	$8.25
Fig. 8—2¾ " "	"	8.50
Fig. 8—3 " "	"	9.00
Fig. 8—3¼ " "	"	9.50
Standard and Cylinder only, less	"	.50
Foot Valve and Strainer, Fig. 35	"	1.50

Anti-Freezing Well Pumps.

Fig. 12.

For Wells up to 100 feet in Depth.



CLOSE TOP.

Fig. 12 presents our extra Strong Close Top Standard and Cylinder. We recommend it for use in wells up to 100 feet in depth and guarantee perfect satisfaction. This Pump is cut for wrought iron pipe in the stock near the spout, and is less liable to burst by freezing; in fact it is an impossibility for it to be injured from this cause, as no water is contained in the stock.

In ordering state the size of cylinder wanted, also state the kind of rods intended to be used, as we make the stubs either to weld to connecting rods or to screw with ⅜ in. gas pipe couplings.

If for drill well, state size of hole.

Cylinders 14 or 18 inches long inside and any diameter, see list.

PRICES.

Fig. 12, Standard and Cylinder for 1½ in. pipe..... ....Each, $16.00
Fig. 35, Foot Valve with Strainer..... ..... " 1.75

Anti-Freezing Well Pumps.

Fig. 13.

For Extra Deep Wells.

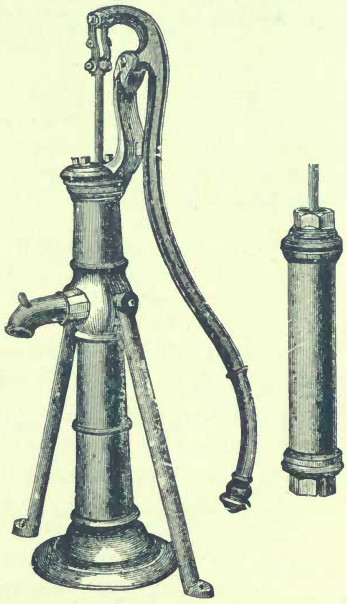


Fig. 13 represents our New Style Deep Well Pump. A boy 15 years of age can work the pump with ease at the depth of 50 feet, and a man at 150 feet. This pump is particularly adapted for the use of public and street wells, or other positions where it is desirable to raise large quantities of water. The standard is supported by two strong IRON BRACES, which bolt on the pump and platform thereby obviating the possibility of working loose under any circumstances, which is so apt to be the case in street wells. The bearer is constructed with a rubber bumper to prevent breaking the lever by carelessness. The Tight Top is intended to obviate the possibility of things being thrown in, thereby putting the pump out of working order. The pump can be set ready for operation without the inconvenience of going down into the well. We make five sizes of Cylinders for this pump, as follows: 2, 2½, 3, 3½ and 4 inches. A 3 inch will be sent unless otherwise ordered.

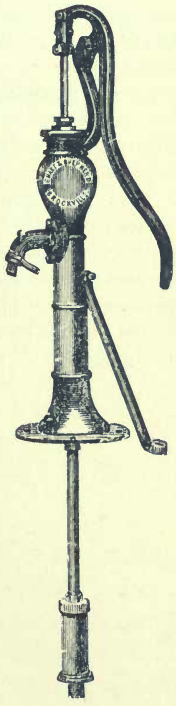
SIZE AND PRICE.

Fig. 13—Standard and Cylinder, for 1½ in. pipe \$20.00
Foot Valve and Strainer, for 1½ in. pipe, Fig. 35..... 1 75

Anti-Freezing Engine Well Pumps.

Fig. 14.

COMBINED LIFT AND FORCE PUMPS.



The stock and air chamber are made in one piece, with a tube extending downwards through the latter, at once preventing the escape of air from the chamber, and providing the best possible guide for the piston rod below the brass stuffing box in the cap. Hose can readily be attached to the spout by means of an attachment provided for that purpose. These pumps are arranged for wells not exceeding 30 feet in depth, but by the addition of pipe above the cylinder, are often used in wells of 50 feet or greater depth.

DIRECTIONS.

When used as a Force Pump, the thumb screw in the air chamber should be screwed tight ; take out the screw when used as an ordinary lift pump.

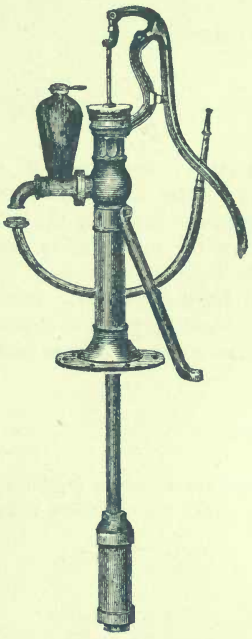
SIZES AND PRICES.

	Each.
Fig 14, with 2¾ inch Cylinder, for 1¼ inch pipe.....	$13.00
Fig. 14, with 3 inch Cylinder, for 1¼ inch pipe..	13.50
Fig. 14, with 3¼ inch Cylinder, for 1¼ inch pipe.....	14 00
Fig. 14, with 3½ inch Cylinder for 1¼ inch pipe.....	14.50
For 3 feet Hose and Discharge Pipe, extra....	3.00
For Valve and Strainer, Fig. 35.....	1.50

Foot Valves are especially useful with Force Pumps.

Engine Well Pumps.

Figs. 15 and 16.



This cut represents our Engine Well Pumps, with revolving fulcrum, and rubber buffer to relieve the concussion of the lever at the termination of its downward stroke, for use in wells not exceeding 150 feet in depth. They combine the principle of atmospheric pressure, or suction, with the force pump, and having an air chamber connected, are calculated to throw a constant stream. They are adapted not only to the ordinary uses of a well pump, but also to the washing of windows, buildings, vehicles, and the extinguishment of fires. With three feet of hose and a discharge pipe, water can easily be thrown over a two story building ; or with sufficient hose, over the entire premises. When used as a common lift pipe, the nut on the top of the air chamber should be unscrewed two or three turns ; when used with the hose, the nut should be screwed down perfectly tight.

PRICES.

Fig. 15—For Wells up to 50 feet, for 1¼ in. pipe, without brace, hose or nozzle, with cylinder 10 in. long inside.

2¾ inch.	3 inch.	3¼ inch.	3½ inch.
$13.00	$13.50	$14.00	$14.00 each.

Fig. 16—For Wells up to 150 feet, with 1¼ inch pipe, with brace, hose, nozzle and cylinder 14 or 18 inches long inside. No set length.

With Cylinder 3 inch diameter..... ....$20.00
" " 4 " " 21.00

Foot Valves and Strainers, 1¼ inch, $1.50 ; 1½ inch, $1.75.

Engine Well Pumps.

Fig. 46.

Arranged with Brakes or Wood Levers for Deep Wells.

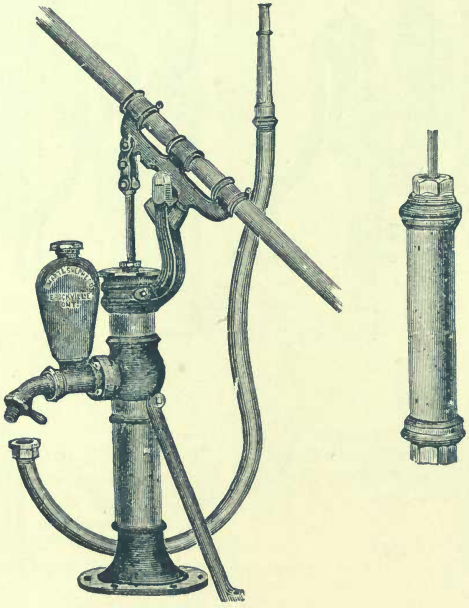


Fig. 46 illustrates our Engine Well Force Pump Standard and Cylinder, for Wells up to 150 feet in depth. It is arranged with Brakes or Hard Wood Levers, and is remarkably effective as a fire engine, throwing with ease a powerful stream 75 feet from the Hose Pipe. For forcing water in any direction, watering lawns, washing windows, etc., it is unequalled, while invaluable for all uses of an ordinary Well Pump. It is strong, durable and made anti-freezing.

SIZES AND PRICES.

Fig. 46—3 in. Cyl. for 1½ in. pipe.....	Each,	$22.00
Fig. 46—3½ in. Cyl., for 1½ in. pipe.....	"	23.00
Without Hose and Discharge Pipe, deduct off list.....	"	3.00

House Force Pumps.

Without Air Chamber.

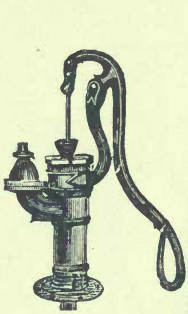


Fig. 25.

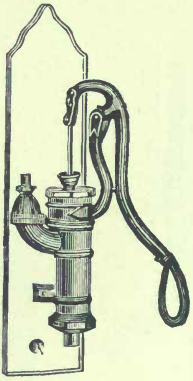


Fig. 30.

Figs 25 and 30 represent our plain, Single-acting Force Pumps, with Revolving Fulcrum. The Piston Rod, Stuffing Box and Valve Seat are Brass.

Made for iron or lead pipe.

SIZES AND PRICES.

	Iron.	Brass Cylinder.
Fig. 25 or 30, No. 2—2½ in. bore for 1¼ in. pipe.	$ 9.50	$14.00
Fig. 25 or 30, No. 4—3 in. bore, for 1¼ or 1½ in. pipe	11.00	15.00

With Brass Valves for hot liquids $2.00 extra.

We Bore and Polish our Cylinders, all kinds and sizes, making a perfect acting and durable pump.

With Air Chamber, Having One Discharge.

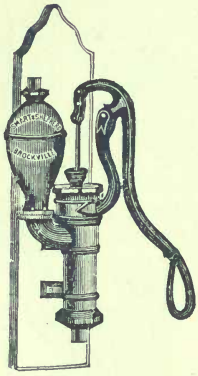


Fig. 31.

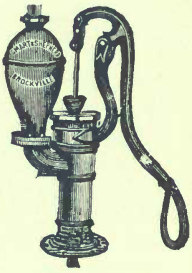


Fig. 26.

Figs. 26 and 31 represent same pump as Figs. 25 and 30 with the addition of an Air Chamber. It is used principally for supplying tanks in houses, bathing purposes, etc. The Piston Rod, Stuffing Box and Valve Seat are Brass.

Made for iron or lead pipe.

SIZES AND PRICES.

	Iron.	Brass Cylinder.
Figs. 26 or 31, No. 2—2½ in. bore, for 1¼ in. pipe	$10.00	$15.00
Figs. 26 or 31, No. 4—3 in. bore, for 1¼ or 1½ in. pipe	12.00	16.00

Cylinders Bored and Polished.

House Force Pumps.

With Air Chamber, having Two Discharges.

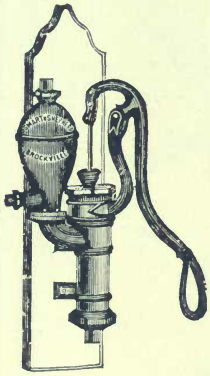


Fig. 32.

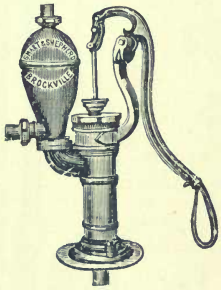


Fig. 27.

Figs. 27 and 32 represent same pumps as Figs. 26 and 31, with the addition of a Lower Discharge on the Air Chamber for attaching Cock. This Pump is designed to be placed in a kitchen over a sink, where water may be drawn from the Cock or forced into a tank above for bathing or other purposes, by extending sufficient pipe from the upper discharge.

SIZES AND PRICES.

Figs. 27 or 32.

	Iron.	Brass Cyl.
No. 2—2½ in bore..	$11.00	$16.00
No. 4—3 in. bore....	13 00	17.00

With Air Chamber, Cock and Two Discharges.

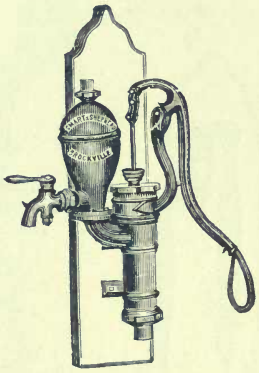


Fig. 33.

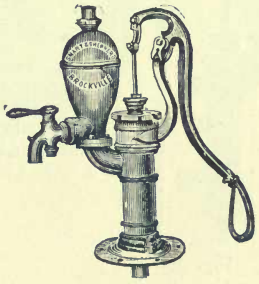


Fig. 28.

Figs. 28 and 33 represent our Iron Force Pump, with Cock on side and outlet on top of Air Chamber. The Cock is designed for discharging water in a sink or pail; and the outlet on top of the Air Chamber is convenient for forcing water into an upper story, the Cock being closed. The Piston Rod, Stuffing Box and Valve Seat are brass. The two sizes we make are fitted for lead or iron pipe.

SIZES AND PRICES.

Figs 28 or 33.

	Iron.	Brass Cyl.
No. 2—2½ inch bore for 1¼ inch pipe..	$12.50	$17.50
No. 4—3 in. bore, for 1¼ or 1½ in. pipe	14.50	18.50
With 3 feet Hose and Brass Discharge Pipe, fitted for Cock, extra.....		3.00

House Force Pumps.

Mounted on Plank with Connecting Rod, Guide and Air Chamber.

Figs. 35, 36 and 37.

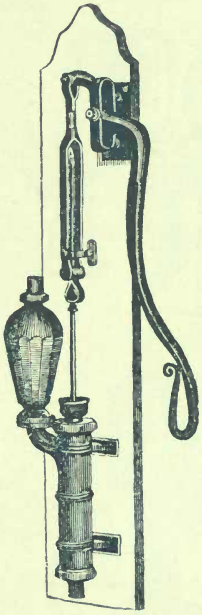


Fig. 36.

Fig. 35.

Without Air Chamber. One Discharge.

Fig. 36.

With Air Chamber. One Discharge.

Fig. 37.

With Air Chamber. Two Discharges and Cock.

Fig. 36 represents our Single Acting Suction and Force Pump, mounted on plank for house use. It is constructed for drawing water from cisterns and wells, and forcing it up into reservoirs, bathing rooms and other elevated points where water is required for domestic purposes. This Pump we can confidently recommend to the trade as the Best Iron Force Pump for house purposes in the market.

The interior of the Cylinder is accurately bored and highly polished, and the Piston Rod, Stuffing Box and Pipe Couplings made of Brass. Two sizes, right or left handed, fitted for lead and iron pipe.

PRICES.

	Fig. 35	Fig. 36.	Fig. 37
2½ inch Bore...	$15.00	$17.00	$19.50
3 inch Bore.	16,50	18.50	21 00
Add for Brass Valves for Hot Liquids			2.00
Add for Brass Cylinder, 2½ inch...			6.00
Add for Brass Cylinder, 3 inch.....			6.50

Wind Mill Force Pumps.

With Three-way Cock, Anti-Freezing.

Fig. 47.

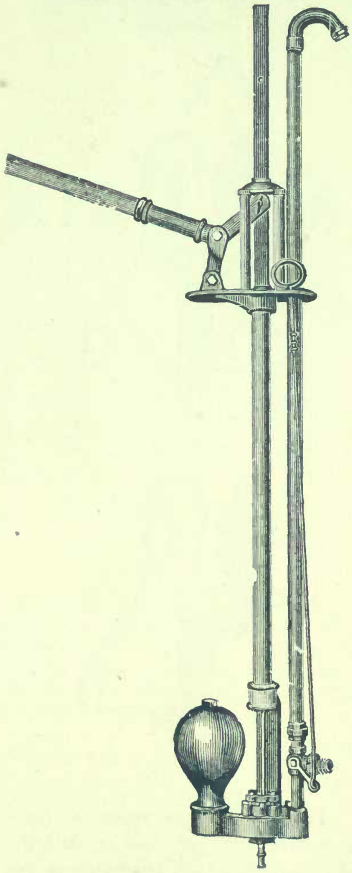


Fig. 47 represents our new Platform windmill force Pump, having no pump standard. The working parts, packing box, air chamber, etc., hang in the well below the frost line. This pump is strong and durable in its general make-up and a very desirable Pump in every respect, having a three-way Cock for changing the direction and forcing water to any desired point. The Cock is of the best steam metal, with union joint on horizontal pipe, and all easily governed by the operator at the surface of the ground.

SIZES AND PRICES.

Fig. 47—Complete as in cut, with
1 inch 3-way Cock.....Each, $16.50
Without 3-way Cock..... ..... 12.00
Cylinders extra, as per list.

Improved Close Top Two Cylinder Force Pumps.

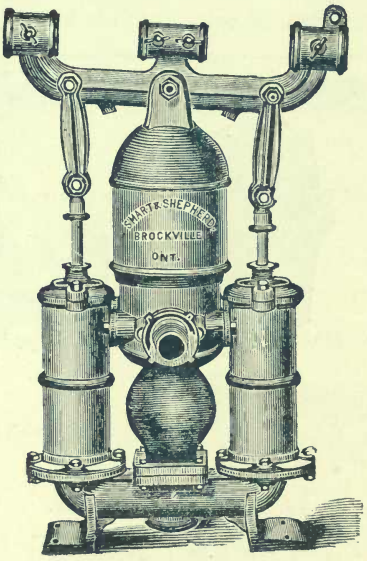


Fig. 52.

Fig. 52 represents our newly improved Close Top Two Cylinder Force Pump, for steamboats, factories, railroads, etc. It combines advantages contained in no Pump made by any other manufacturer. We now construct it with a vacuum chamber on the suction, which is cast in one piece with the discharge air chamber, bolted to the bed plate, directly under the air chamber, forming an air cushion for the ascending column of water.

SIZES AND PRICES.

	Iron.	Brass Cyl.
Fig. 52, No. 15—3 in. cyl., 1½ in. pipe 1¼ in. hose.....	$40.00	$60.00

Brass Discharge Pipes.

¾ inch.....Per dozen, $8.00 1 inch.....Per dozen, $10.00

Foot Valve.

WithStrainer

Fig. 35.

Check Valve.

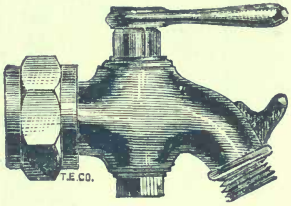
Fig. 21.

Fig. 35 is for attaching to lower end of Suction Pipes, to relieve the upper working Valves of the weight of the column of water when the pump is not in use.

Fig. 21 shows Check Valve suitable to place at any point in the Suction Pipe, and used for the same purpose as Fig. 35. Either one of the above valves should be used with all Pumps, as they will save much trouble and expense in repairing valves, priming pumps, etc.

Fig. 35—Price.....	$1.25	$1.50	$1.75
Size of Pipe.....	1	1¼	1½ in.
Fig. 21—Price.....	$1.50	$1.75	$2.00
Size of Pipe..	1	1¼	1½ in.

Iron Cocks.



Suitable for all kinds of Force Pumps.

Price.....Each, $3.00
Or with Brass Tail Piece.... " 3.25

"Champion" Double Acting Force Pump.

Galvanized Iron with Wood Handles.

Throws a continuous stream or spray, suitable for sprinkling Lawns and Trees, washing Windows, Carriages, Boats. Valuable for Veterinary purposes.

Per dozen.....$24.00

Drive Well Points.

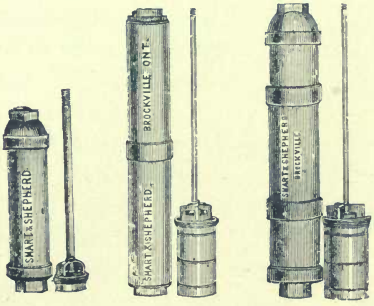
Fig. 23.

Fig. 24.

Fig. 23—Galvanized Pipe covered with perforated brass and brass gauze, suitable for fine sand strata, 1¼ in..... Each, $5.50

Fig. 24—Same as above with perforated galvanized iron jacket in place of perforated brass, for gravel or stony strata, 1¼ in..... " 4.50

Pump Cylinders.



All have bored and polished interiors and brass valve seats, fitted for 1¼ or 1½ in. pipe. Made perfectly smooth outside without bands, for drilled wells, when required.

PRICES, EACH.

Diameter Inside.	Inches long inside. 10	14	18
2			6.50
2¼			7.00
2½	4.35	6.50	7.50
2¾	4.70	7.00	8.00
3	5.00	7.50	8.50
3¼	5.30	8.00	9.00
3½	5.60	8.50	9.50
4	6.25	10.00	10.50

Any of the above can be supplied with Brass Bodies at special figures.

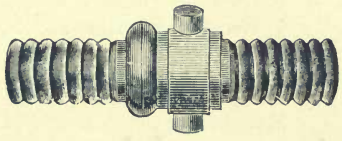
When ordering give length, diameter and size of pipe.

Strainer and Rest.

Shows an Improved Strainer and Rest for the lower end of Iron Suction Pipe.

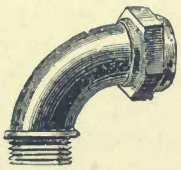
Size of Pipe..... 1¼ 1½ inch.
Prices..... 75c. 87c.

Brass Hose Coupling.



Sizes..... ¾ 1 1¼ inch.
Prices.... $1 50 $4.co $8.co per doz.

Goose Neck.



Cut shows quarter turn goose neck and coupling, suitable for various styles of our force pumps.

Price..... Each, 40c

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